





## **LAMPIRAN A**

***Angket Kemandirian dalam  
Memecahkan Masalah***

### Petunjuk Pengisian

1. Bacalah pernyataan-pernyataan pada lembar berikut ini, kemudian jawablah dengan sejujur-jujurnya sesuai dengan keadaan anda yang sebenarnya.
2. Pilihlah salah satu dari keempat jawaban, yang paling sesuai dengan keadaan diri anda, dengan memberikan tanda silang ( X ) pada lembar jawaban yang tersedia.  
Pilihan-pilihan jawabannya adalah :
  - SS : Bila anda sangat sesuai dengan pernyataan.
  - S : Bila anda sesuai dengan pernyataan.
  - TS : Bila anda tidak sesuai dengan pernyataan.
  - STS : Bila anda sangat tidak sesuai dengan pernyataan.
3. Angket ini bukan merupakan suatu tes, sehingga tidak ada jawaban yang salah, semua jawaban adalah benar.
4. Usahakan agar semua nomor dapat terjawab.
5. Hasil jawaban anda akan kami rahasiakan.
6. Atas bantuan dan kerjasamanya, kami mengucapkan banyak terima kasih.

----- SELAMAT MENGERJAKAN -----

Identitas

Jenis Kelamin :  
 Usia :  
 Pendidikan :

|  |    |   |    |     |
|--|----|---|----|-----|
| 1. Saya dapat menyelesaikan masalah tanpa bantuan dari teman.                        | SS | S | TS | STS |
| 2. Saya akan menghindari dari tugas-tugas yang sulit.                                | SS | S | TS | STS |
| 3. Saya suka mencoba sesuatu yang baru dalam memecahkan masalah.                     | SS | S | TS | STS |
| 4. Saya mudah marah bila sedang menghadapi masalah.                                  | SS | S | TS | STS |
| 5. Saya percaya bahwa masalah yang saya hadapi, dapat saya selesaikan.               | SS | S | TS | STS |
| 6. Saya sering menunda untuk menyelesaikan masalah.                                  | SS | S | TS | STS |
| 7. Saya selalu merencanakan langkah-langkah dalam menyelesaikan masalah.             | SS | S | TS | STS |
| 8. Saya tidak tahu harus berbuat apa, bila ada masalah yang menimpa saya.            | SS | S | TS | STS |
| 9. Saya dapat menyelesaikan masalah dengan perasaan tenang.                          | SS | S | TS | STS |
| 10. Saya kurang puas dengan hasil belajar saya.                                      | SS | S | TS | STS |
| 11. Dengan penuh kesadaran, saya akan menyelesaikan masalah yang sedang saya hadapi. | SS | S | TS | STS |
| 12. Bila saya mengalami kegagalan, saya tidak akan mencoba lagi.                     | SS | S | TS | STS |
| 13. Saya mampu mengemukakan pendapat yang tidak dikemukakan orang lain.              | SS | S | TS | STS |
| 14. Saya marah bila ada teman yang menyinggung perasaan.                             | SS | S | TS | STS |
| 15. Saya percaya semua masalah dapat diselesaikan.                                   | SS | S | TS | STS |

|  |    |   |    |     |
|--|----|---|----|-----|
| 1. Saya tidak akan mengerjakan tugas, tanpa diperintah oleh orang lain.  | SS | S | TS | STS |
| 2. Sesulit apapun tugas yang diberikan, saya akan menyelesaikannya.  | SS | S | TS | STS |
| 3. Saya senang meniru orang lain dalam mengatasi masalah.  | SS | S | TS | STS |
| 4. Saya mampu menahan diri, bila ada teman yang menyakiti saya.  | SS | S | TS | STS |
| 5. Saya tidak dapat menerima kekurangan pada diri saya.  | SS | S | TS | STS |
| 6. Saya tidak akan menunda-nunda tugas yang diberikan kepada saya.   | SS | S | TS | STS |
| 7. Saya tidak mampu menyelesaikan tugas-tugas yang sulit.  | SS | S | TS | STS |
| 8. Saya senang melakukan tugas baru, yang belum pernah saya kerjakan sebelumnya.                               | SS | S | TS | STS |
| 9. Saya lebih senang berkelahi, bila ada teman yang menyakiti saya.  | SS | S | TS | STS |
| 10. Saya merasa puas bila dapat menyelesaikan masalah tanpa bantuan orang lain.                                | SS | S | TS | STS |
| 11. Saya tidak peduli ada masalah mendasak yang perlu diselesaikan.  | SS | S | TS | STS |
| 12. Saya tidak akan berhenti berusaha, sebelum dapat mengatasi masalah.  | SS | S | TS | STS |
| 13. Saya kurang dapat menemukan ide-ide baru.  | SS | S | TS | STS |
| 14. Saya tetap tenang dalam menghadapi kesulitan, dan mampu berpikir jernih dalam mengatasinya.                | S  | S | TS | STS |
| 15. Saya kurang percaya terhadap kemampuan diri saya, sehingga saya selalu mengharapkan saran dari orang lain. | SS | S | TS | STS |
| 16. Saya sedapat mungkin tidak memerlukan orang lain dalam menyelesaikan masalah.                              | SS | S | TS | STS |

|   |    |   |    |     |
|---|----|---|----|-----|
| 1. Bila saya mendapat nilai jelek, lebih baik saya pasrah.  | SS | S | TS | STS |
| 1. Saya sering mencoba cara-cara baru yang lebih cepat dan tepat bagi kemajuan saya.                      | SS | S | TS | STS |
| 1. Saya akan membalas orang yang menyakiti saya.  | SS | S | TS | STS |
| 1. Saya tahu ada yang kurang dalam diri saya, meskipun demikian saya yakin dapat mengatasi semua masalah. | SS | S | TS | STS |
| 1. Saya akan membiarkan masalah yang saya hadapi, jika orang lain tidak mendukung.                        | SS | S | TS | STS |
| 1. Meskipun ada hambatan dalam melaksanakan tugas, saya akan tetap mengerjakannya.                        | SS | S | TS | STS |
| 1. Dalam mengatasi masalah, saya menggunakan cara-cara yang biasa saya gunakan.                           | SS | S | TS | STS |
| 1. Di dalam menyelesaikan masalah dengan teman, saya lebih suka berdamai daripada berkelahi.              | SS | S | TS | STS |
| 1. Saya merasa hasil pekerjaan teman lebih baik, daripada hasil pekerjaan saya.                           | SS | S | TS | STS |
| 1. Saya akan mengerjakan tugas sekolah tanpa diperintah orang lain.                                       | SS | S | TS | STS |
| 1. Saya mudah menyerah bila menghadapi kesulitan.   | SS | S | TS | STS |
| 1. Dalam menyelesaikan masalah, saya menggunakan pengalaman-pengalaman yang saya peroleh.                 | SS | S | TS | STS |
| 1. Saya tidak dapat menahan kebencian terhadap orang yang menyakiti saya.                                 | SS | S | TS | STS |
| 1. Bila saya mendapat tugas baru, saya percaya dapat menyelesaikannya.                                    | SS | S | TS | STS |
| 1. Saya akan meminta bantuan teman bila menghadapi masalah.   | SS | S | TS | STS |

|   |    |   |    |     |
|---|----|---|----|-----|
| . Saya berusaha sungguh-sungguh agar tercapai semua tujuan hidup saya.                                | SS | S | TS | STS |
| . Saya lebih baik mencontoh tugas teman daripada membuat sendiri.                                     | SS | S | TS | STS |
| . Saya dapat introspeksi diri, bila ada kesalahan yang saya buat.                                     | SS | S | TS | STS |
| . Kekurangan yang ada pada diri saya, membuat hidup saya tidak mempunyai arti.                        | SS | S | TS | STS |
| . Saya akan mengerjakan tugas sehari-hari, dengan penuh tanggungjawab.                                | SS | S | TS | STS |
| . Saya mudah putus asa, bila harapan-harapan saya tidak tercapai.                                     | SS | S | TS | STS |
| . Saya dapat memecahkan masalah dengan ide-ide saya sendiri.  | SS | S | TS | STS |
| . Saya kurang dapat menyelesaikan masalah dengan pikiran jernih.                                      | SS | S | TS | STS |
| . Saya puas dengan prestasi belajar saya.   | SS | S | TS | STS |
| . Saya perlu dukungan teman untuk menyelesaikan masalah.  | SS | S | TS | STS |
| . Meskipun saya mengalami kegagalan dalam mewujudkan cita-cita, saya akan bangkit dari kegagalan itu. | SS | S | TS | STS |
| . Saya suka mengikuti pendapat teman dalam mengatasi kesulitan.                                       | SS | S | TS | STS |
| . Saya berusaha tidak mudah marah, bila menghadapi masalah.   | SS | S | TS | STS |
| . Saya tidak yakin dapat mengatasi masalah yang sedang saya hadapi.                                   | SS | S | TS | STS |



## **LAMPIRAN B**

***Angka Kasar Angket Kemandirian dalam  
Memecahkan Masalah***



|    | y1 | y2 | y3 | y4 | y5 | y6 | y7 | y8 | y9 | y10 | y11 | y12 |
|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|
| 1  | 4  | 3  | 3  | 4  | 3  | 2  | 1  | 2  | 3  | 2   | 3   | 3   |
| 2  | 1  | 4  | 3  | 2  | 4  | 2  | 4  | 2  | 3  | 1   | 4   | 2   |
| 3  | 3  | 2  | 4  | 1  | 1  | 1  | 4  | 4  | 2  | 4   | 2   | 1   |
| 4  | 1  | 2  | 2  | 1  | 4  | 1  | 2  | 3  | 1  | 3   | 1   | 4   |
| 5  | 3  | 3  | 1  | 1  | 2  | 1  | 3  | 1  | 4  | 1   | 4   | 2   |
| 6  | 2  | 4  | 3  | 1  | 3  | 4  | 1  | 4  | 4  | 4   | 4   | 3   |
| 7  | 1  | 1  | 3  | 1  | 4  | 2  | 3  | 2  | 2  | 1   | 3   | 2   |
| 8  | 1  | 2  | 3  | 2  | 3  | 3  | 4  | 3  | 3  | 1   | 2   | 3   |
| 9  | 3  | 1  | 2  | 1  | 1  | 3  | 1  | 4  | 2  | 2   | 3   | 3   |
| 10 | 2  | 1  | 2  | 1  | 2  | 2  | 3  | 2  | 2  | 3   | 2   | 3   |
| 11 | 4  | 3  | 2  | 3  | 1  | 4  | 4  | 2  | 3  | 2   | 3   | 1   |
| 12 | 2  | 1  | 4  | 1  | 2  | 3  | 3  | 2  | 3  | 3   | 3   | 3   |
| 13 | 1  | 2  | 1  | 2  | 2  | 2  | 4  | 2  | 2  | 2   | 4   | 1   |
| 14 | 1  | 1  | 3  | 3  | 3  | 3  | 1  | 3  | 1  | 3   | 2   | 2   |
| 15 | 3  | 3  | 3  | 2  | 3  | 2  | 2  | 1  | 2  | 2   | 3   | 3   |
| 16 | 2  | 3  | 2  | 3  | 2  | 2  | 3  | 3  | 3  | 2   | 3   | 2   |
| 17 | 4  | 2  | 1  | 2  | 4  | 2  | 1  | 1  | 2  | 2   | 4   | 2   |
| 18 | 2  | 2  | 2  | 2  | 3  | 2  | 2  | 1  | 2  | 1   | 1   | 1   |
| 19 | 3  | 1  | 2  | 1  | 2  | 1  | 1  | 2  | 1  | 2   | 1   | 3   |
| 20 | 2  | 3  | 3  | 2  | 1  | 2  | 3  | 2  | 2  | 4   | 2   | 2   |
| 21 | 1  | 1  | 1  | 2  | 1  | 3  | 2  | 4  | 1  | 1   | 1   | 2   |
| 22 | 1  | 2  | 2  | 3  | 2  | 2  | 3  | 3  | 2  | 2   | 2   | 1   |
| 23 | 2  | 1  | 1  | 2  | 3  | 1  | 2  | 2  | 1  | 1   | 4   | 1   |
| 24 | 1  | 3  | 3  | 4  | 2  | 1  | 2  | 1  | 2  | 3   | 2   | 2   |
| 25 | 2  | 1  | 1  | 1  | 2  | 2  | 3  | 3  | 2  | 2   | 2   | 2   |
| 26 | 1  | 4  | 4  | 1  | 3  | 1  | 2  | 1  | 1  | 1   | 3   | 1   |
| 27 | 2  | 1  | 1  | 2  | 1  | 2  | 3  | 3  | 2  | 2   | 3   | 2   |
| 28 | 3  | 2  | 2  | 2  | 3  | 2  | 2  | 1  | 3  | 2   | 1   | 2   |
| 29 | 1  | 3  | 3  | 2  | 4  | 3  | 1  | 2  | 2  | 1   | 2   | 3   |
| 30 | 2  | 3  | 3  | 3  | 2  | 4  | 3  | 3  | 2  | 2   | 2   | 4   |

|    | y13 | y14 | y15 | y16 | y17 | y18 | y19 | y20 | y21 | y22 | y23 | y24 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1  | 3   | 3   | 3   | 3   | 2   | 3   | 4   | 3   | 2   | 2   | 3   | 4   |
| 2  | 2   | 2   | 4   | 1   | 4   | 2   | 3   | 4   | 4   | 2   | 4   | 1   |
| 3  | 1   | 1   | 4   | 1   | 2   | 2   | 1   | 4   | 1   | 1   | 3   | 4   |
| 4  | 2   | 1   | 2   | 2   | 3   | 3   | 1   | 2   | 1   | 3   | 2   | 3   |
| 5  | 1   | 3   | 1   | 3   | 1   | 1   | 4   | 1   | 2   | 3   | 1   | 2   |
| 6  | 2   | 1   | 3   | 4   | 3   | 1   | 1   | 3   | 3   | 1   | 3   | 1   |
| 7  | 2   | 1   | 4   | 1   | 3   | 2   | 4   | 3   | 3   | 3   | 4   | 1   |
| 8  | 3   | 1   | 2   | 3   | 3   | 3   | 2   | 2   | 2   | 2   | 1   | 3   |
| 9  | 3   | 1   | 3   | 2   | 2   | 2   | 1   | 3   | 2   | 2   | 3   | 1   |
| 10 | 2   | 2   | 2   | 2   | 3   | 2   | 3   | 2   | 2   | 2   | 3   | 2   |
| 11 | 2   | 3   | 2   | 3   | 1   | 2   | 3   | 2   | 3   | 3   | 3   | 1   |
| 12 | 2   | 1   | 2   | 3   | 2   | 2   | 1   | 4   | 3   | 1   | 2   | 1   |
| 13 | 2   | 3   | 2   | 2   | 2   | 2   | 2   | 1   | 4   | 3   | 1   | 3   |
| 14 | 2   | 3   | 3   | 3   | 2   | 4   | 2   | 3   | 2   | 2   | 3   | 3   |
| 15 | 3   | 2   | 3   | 2   | 2   | 2   | 2   | 2   | 2   | 3   | 3   | 2   |
| 16 | 1   | 2   | 3   | 3   | 3   | 2   | 3   | 3   | 2   | 2   | 1   | 3   |
| 17 | 2   | 2   | 4   | 1   | 1   | 3   | 2   | 2   | 3   | 2   | 1   | 1   |
| 18 | 2   | 1   | 2   | 2   | 2   | 1   | 2   | 2   | 3   | 2   | 3   | 2   |
| 19 | 2   | 1   | 2   | 3   | 1   | 1   | 1   | 1   | 2   | 1   | 4   | 2   |
| 20 | 2   | 2   | 2   | 3   | 2   | 2   | 3   | 1   | 2   | 2   | 2   | 1   |
| 21 | 2   | 4   | 2   | 2   | 3   | 2   | 2   | 1   | 2   | 2   | 1   | 1   |
| 22 | 1   | 2   | 1   | 1   | 4   | 1   | 2   | 2   | 1   | 3   | 2   | 3   |
| 23 | 2   | 2   | 1   | 2   | 1   | 2   | 1   | 2   | 2   | 1   | 4   | 1   |
| 24 | 1   | 2   | 2   | 3   | 3   | 2   | 2   | 3   | 1   | 2   | 2   | 2   |
| 25 | 2   | 2   | 1   | 2   | 1   | 3   | 2   | 3   | 2   | 2   | 2   | 1   |
| 26 | 1   | 1   | 1   | 4   | 1   | 1   | 1   | 1   | 4   | 1   | 1   | 1   |
| 27 | 1   | 2   | 2   | 3   | 1   | 2   | 3   | 1   | 2   | 3   | 2   | 2   |
| 28 | 2   | 2   | 2   | 3   | 2   | 3   | 3   | 2   | 1   | 2   | 2   | 2   |
| 29 | 2   | 2   | 3   | 1   | 3   | 2   | 2   | 2   | 3   | 2   | 1   | 3   |
| 30 | 2   | 3   | 3   | 2   | 1   | 2   | 2   | 1   | 3   | 3   | 2   | 2   |

|    | y25 | y26 | y27 | y28 | y29 | y30 | y31 | y32 | y33 | y34 | y35 | y36 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1  | 4   | 3   | 3   | 2   | 3   | 3   | 3   | 4   | 3   | 4   | 3   | 3   |
| 2  | 3   | 4   | 3   | 2   | 2   | 1   | 2   | 2   | 4   | 2   | 4   | 1   |
| 3  | 4   | 4   | 3   | 1   | 2   | 2   | 2   | 3   | 2   | 4   | 4   | 1   |
| 4  | 2   | 2   | 2   | 3   | 2   | 3   | 1   | 1   | 2   | 2   | 1   | 3   |
| 5  | 3   | 2   | 2   | 1   | 3   | 1   | 2   | 3   | 2   | 2   | 3   | 2   |
| 6  | 2   | 1   | 4   | 4   | 4   | 1   | 1   | 2   | 3   | 3   | 1   | 4   |
| 7  | 3   | 2   | 3   | 2   | 2   | 2   | 2   | 2   | 2   | 1   | 2   | 2   |
| 8  | 1   | 2   | 2   | 2   | 3   | 1   | 1   | 3   | 2   | 2   | 3   | 2   |
| 9  | 2   | 2   | 1   | 3   | 1   | 2   | 2   | 1   | 1   | 2   | 2   | 4   |
| 10 | 3   | 2   | 2   | 2   | 2   | 2   | 2   | 3   | 2   | 3   | 3   | 2   |
| 11 | 2   | 1   | 3   | 3   | 3   | 4   | 1   | 2   | 2   | 4   | 3   | 2   |
| 12 | 2   | 1   | 2   | 2   | 1   | 1   | 1   | 4   | 4   | 3   | 1   | 4   |
| 13 | 1   | 2   | 4   | 3   | 3   | 1   | 1   | 1   | 3   | 3   | 2   | 3   |
| 14 | 2   | 2   | 3   | 3   | 3   | 1   | 2   | 2   | 2   | 3   | 3   | 2   |
| 15 | 3   | 3   | 1   | 2   | 2   | 2   | 3   | 3   | 3   | 1   | 2   | 2   |
| 16 | 2   | 2   | 3   | 3   | 2   | 2   | 2   | 3   | 3   | 2   | 3   | 3   |
| 17 | 2   | 3   | 2   | 2   | 1   | 3   | 4   | 1   | 2   | 2   | 2   | 1   |
| 18 | 3   | 1   | 1   | 2   | 2   | 2   | 1   | 1   | 1   | 2   | 3   | 1   |
| 19 | 1   | 1   | 2   | 1   | 2   | 2   | 3   | 2   | 1   | 1   | 2   | 2   |
| 20 | 1   | 2   | 1   | 2   | 1   | 2   | 1   | 3   | 2   | 3   | 2   | 2   |
| 21 | 2   | 3   | 1   | 1   | 2   | 3   | 3   | 1   | 2   | 3   | 2   | 2   |
| 22 | 2   | 2   | 2   | 3   | 1   | 2   | 2   | 1   | 2   | 1   | 2   | 3   |
| 23 | 1   | 2   | 2   | 1   | 1   | 1   | 2   | 2   | 1   | 2   | 3   | 2   |
| 24 | 3   | 2   | 2   | 2   | 2   | 1   | 2   | 2   | 2   | 2   | 1   | 1   |
| 25 | 4   | 1   | 2   | 2   | 1   | 2   | 1   | 3   | 2   | 1   | 2   | 1   |
| 26 | 1   | 4   | 1   | 4   | 1   | 1   | 4   | 1   | 1   | 3   | 1   | 3   |
| 27 | 4   | 1   | 2   | 2   | 1   | 1   | 1   | 3   | 3   | 1   | 2   | 1   |
| 28 | 3   | 3   | 3   | 2   | 2   | 2   | 3   | 3   | 3   | 2   | 3   | 3   |
| 29 | 2   | 1   | 2   | 3   | 2   | 2   | 2   | 4   | 4   | 1   | 2   | 1   |
| 30 | 2   | 3   | 4   | 2   | 1   | 2   | 3   | 3   | 3   | 2   | 2   | 2   |

|    | y37 | y38 | y39 | y40 | y41 | y42 | y43 | y44 | y45 | y46 | y47 | y48 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1  | 3   | 2   | 4   | 4   | 3   | 3   | 3   | 4   | 3   | 3   | 3   | 3   |
| 2  | 4   | 1   | 3   | 2   | 4   | 2   | 3   | 2   | 4   | 2   | 4   | 2   |
| 3  | 3   | 1   | 3   | 1   | 1   | 4   | 2   | 2   | 2   | 2   | 1   | 2   |
| 4  | 2   | 2   | 2   | 4   | 2   | 1   | 2   | 3   | 1   | 2   | 2   | 4   |
| 5  | 2   | 2   | 2   | 1   | 4   | 2   | 2   | 4   | 3   | 1   | 4   | 1   |
| 6  | 3   | 1   | 2   | 1   | 2   | 3   | 4   | 2   | 2   | 1   | 2   | 3   |
| 7  | 2   | 1   | 3   | 2   | 2   | 3   | 2   | 2   | 3   | 1   | 3   | 2   |
| 8  | 3   | 3   | 1   | 3   | 1   | 3   | 3   | 1   | 2   | 1   | 4   | 4   |
| 9  | 1   | 2   | 2   | 2   | 2   | 2   | 1   | 2   | 1   | 1   | 2   | 1   |
| 10 | 3   | 2   | 2   | 2   | 2   | 3   | 2   | 1   | 2   | 3   | 2   | 2   |
| 11 | 3   | 2   | 4   | 4   | 2   | 1   | 3   | 2   | 3   | 2   | 3   | 3   |
| 12 | 2   | 1   | 2   | 1   | 1   | 4   | 3   | 3   | 2   | 1   | 2   | 3   |
| 13 | 2   | 3   | 3   | 2   | 2   | 2   | 3   | 2   | 2   | 1   | 2   | 3   |
| 14 | 2   | 3   | 3   | 1   | 3   | 3   | 4   | 2   | 3   | 2   | 3   | 3   |
| 15 | 2   | 2   | 2   | 1   | 3   | 2   | 3   | 1   | 4   | 2   | 2   | 2   |
| 16 | 3   | 2   | 3   | 2   | 3   | 2   | 2   | 3   | 3   | 2   | 4   | 3   |
| 17 | 2   | 1   | 1   | 1   | 2   | 1   | 2   | 2   | 1   | 1   | 3   | 2   |
| 18 | 2   | 2   | 2   | 1   | 2   | 2   | 1   | 4   | 1   | 2   | 1   | 2   |
| 19 | 1   | 2   | 2   | 2   | 2   | 1   | 2   | 2   | 2   | 1   | 4   | 2   |
| 20 | 3   | 2   | 3   | 2   | 1   | 2   | 1   | 1   | 3   | 2   | 1   | 1   |
| 21 | 2   | 3   | 3   | 3   | 1   | 1   | 1   | 2   | 2   | 4   | 2   | 1   |
| 22 | 1   | 2   | 2   | 2   | 3   | 2   | 3   | 2   | 1   | 2   | 1   | 1   |
| 23 | 1   | 1   | 1   | 2   | 2   | 1   | 2   | 1   | 3   | 2   | 1   | 2   |
| 24 | 3   | 2   | 1   | 2   | 3   | 1   | 3   | 2   | 1   | 1   | 3   | 4   |
| 25 | 1   | 2   | 3   | 1   | 1   | 1   | 3   | 1   | 1   | 2   | 2   | 3   |
| 26 | 1   | 4   | 1   | 1   | 4   | 1   | 1   | 4   | 1   | 1   | 4   | 1   |
| 27 | 1   | 2   | 3   | 2   | 3   | 1   | 4   | 1   | 1   | 2   | 2   | 4   |
| 28 | 2   | 2   | 2   | 3   | 3   | 2   | 2   | 3   | 2   | 3   | 2   | 1   |
| 29 | 1   | 2   | 2   | 2   | 1   | 2   | 2   | 1   | 3   | 2   | 3   | 2   |
| 30 | 1   | 2   | 4   | 2   | 4   | 1   | 3   | 3   | 2   | 1   | 1   | 2   |

|    | y49 | y50 | y51 | y52 | y53 | y54 | y55 | y56 | y57 | y58 | y59 | y60 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1  | 3   | 2   | 2   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   |
| 2  | 4   | 2   | 4   | 2   | 3   | 1   | 2   | 1   | 3   | 2   | 4   | 4   |
| 3  | 3   | 4   | 2   | 1   | 2   | 2   | 2   | 1   | 4   | 2   | 2   | 4   |
| 4  | 2   | 2   | 4   | 1   | 3   | 2   | 3   | 2   | 2   | 1   | 3   | 2   |
| 5  | 2   | 2   | 3   | 1   | 2   | 3   | 2   | 1   | 1   | 1   | 3   | 2   |
| 6  | 1   | 3   | 2   | 3   | 4   | 4   | 2   | 1   | 4   | 2   | 3   | 4   |
| 7  | 3   | 2   | 3   | 2   | 3   | 1   | 1   | 1   | 3   | 1   | 4   | 2   |
| 8  | 3   | 3   | 1   | 2   | 2   | 2   | 1   | 2   | 2   | 4   | 2   | 2   |
| 9  | 2   | 2   | 3   | 4   | 2   | 3   | 2   | 1   | 4   | 2   | 2   | 1   |
| 10 | 3   | 1   | 3   | 2   | 1   | 2   | 3   | 2   | 2   | 2   | 3   | 2   |
| 11 | 3   | 3   | 1   | 1   | 2   | 3   | 2   | 4   | 2   | 2   | 3   | 2   |
| 12 | 1   | 3   | 3   | 2   | 2   | 3   | 2   | 1   | 1   | 2   | 1   | 1   |
| 13 | 2   | 2   | 3   | 2   | 2   | 4   | 4   | 1   | 3   | 2   | 2   | 2   |
| 14 | 3   | 4   | 4   | 2   | 2   | 2   | 2   | 2   | 3   | 3   | 4   | 3   |
| 15 | 2   | 2   | 2   | 3   | 1   | 2   | 3   | 2   | 2   | 3   | 2   | 2   |
| 16 | 2   | 2   | 3   | 3   | 3   | 1   | 2   | 3   | 1   | 1   | 3   | 1   |
| 17 | 1   | 3   | 2   | 1   | 3   | 2   | 2   | 1   | 1   | 2   | 2   | 1   |
| 18 | 2   | 1   | 2   | 2   | 4   | 1   | 1   | 2   | 4   | 2   | 2   | 4   |
| 19 | 2   | 1   | 3   | 2   | 2   | 2   | 3   | 2   | 2   | 1   | 1   | 3   |
| 20 | 1   | 3   | 2   | 1   | 3   | 1   | 1   | 3   | 3   | 2   | 3   | 2   |
| 21 | 2   | 2   | 2   | 3   | 2   | 3   | 3   | 2   | 2   | 4   | 2   | 1   |
| 22 | 1   | 2   | 2   | 1   | 1   | 2   | 1   | 2   | 2   | 3   | 2   | 1   |
| 23 | 3   | 1   | 3   | 1   | 1   | 1   | 2   | 4   | 1   | 1   | 1   | 2   |
| 24 | 2   | 1   | 2   | 2   | 2   | 1   | 1   | 1   | 4   | 3   | 2   | 1   |
| 25 | 2   | 2   | 2   | 3   | 1   | 1   | 2   | 4   | 3   | 2   | 1   | 2   |
| 26 | 3   | 1   | 4   | 1   | 4   | 4   | 4   | 1   | 1   | 4   | 1   | 1   |
| 27 | 3   | 2   | 1   | 3   | 1   | 2   | 2   | 3   | 3   | 2   | 2   | 3   |
| 28 | 2   | 1   | 4   | 3   | 3   | 2   | 1   | 2   | 2   | 3   | 2   | 3   |
| 29 | 2   | 2   | 4   | 4   | 2   | 1   | 2   | 1   | 3   | 1   | 3   | 2   |
| 30 | 1   | 2   | 2   | 3   | 2   | 2   | 3   | 1   | 4   | 2   | 3   | 2   |

|    | y1 | y2 | y3 | y4 | y5 | y6 | y7 | y8 | y9 | y10 | y11 | y12 |
|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|
| 31 | 2  | 4  | 3  | 2  | 4  | 1  | 4  | 3  | 4  | 4   | 1   | 4   |
| 32 | 1  | 4  | 4  | 3  | 2  | 2  | 4  | 4  | 2  | 1   | 4   | 1   |
| 33 | 4  | 2  | 2  | 3  | 1  | 4  | 4  | 3  | 3  | 1   | 3   | 4   |
| 34 | 2  | 3  | 3  | 2  | 3  | 3  | 2  | 2  | 3  | 2   | 3   | 3   |
| 35 | 2  | 1  | 4  | 4  | 4  | 2  | 4  | 3  | 4  | 2   | 3   | 4   |
| 36 | 3  | 2  | 4  | 2  | 2  | 2  | 3  | 1  | 3  | 2   | 4   | 3   |
| 37 | 2  | 3  | 2  | 3  | 3  | 4  | 4  | 3  | 1  | 2   | 4   | 3   |
| 38 | 2  | 3  | 3  | 3  | 2  | 3  | 3  | 4  | 1  | 4   | 4   | 4   |
| 39 | 1  | 2  | 3  | 1  | 4  | 2  | 3  | 3  | 3  | 1   | 3   | 3   |
| 40 | 3  | 3  | 1  | 3  | 2  | 3  | 1  | 4  | 4  | 3   | 3   | 4   |
| 41 | 4  | 3  | 4  | 2  | 1  | 3  | 2  | 3  | 3  | 2   | 3   | 4   |
| 42 | 4  | 4  | 3  | 3  | 2  | 3  | 4  | 1  | 3  | 4   | 3   | 3   |
| 43 | 3  | 1  | 1  | 4  | 4  | 4  | 4  | 3  | 4  | 4   | 4   | 4   |
| 44 | 2  | 3  | 4  | 3  | 4  | 1  | 4  | 3  | 4  | 2   | 4   | 4   |
| 45 | 1  | 3  | 3  | 2  | 4  | 3  | 3  | 1  | 2  | 1   | 4   | 4   |
| 46 | 3  | 4  | 2  | 4  | 4  | 2  | 2  | 3  | 3  | 3   | 4   | 1   |
| 47 | 4  | 3  | 3  | 3  | 2  | 3  | 3  | 2  | 2  | 4   | 4   | 4   |
| 48 | 3  | 2  | 2  | 3  | 3  | 3  | 3  | 4  | 4  | 3   | 4   | 4   |
| 49 | 4  | 3  | 3  | 4  | 4  | 3  | 4  | 3  | 4  | 4   | 4   | 3   |
| 50 | 2  | 3  | 3  | 1  | 3  | 1  | 3  | 3  | 2  | 4   | 3   | 3   |
| 51 | 4  | 4  | 3  | 4  | 1  | 4  | 1  | 4  | 4  | 3   | 4   | 1   |
| 52 | 3  | 4  | 1  | 3  | 2  | 3  | 2  | 4  | 4  | 3   | 3   | 3   |
| 53 | 4  | 3  | 4  | 3  | 1  | 3  | 3  | 4  | 4  | 1   | 3   | 4   |
| 54 | 2  | 3  | 2  | 2  | 3  | 4  | 3  | 1  | 3  | 3   | 2   | 2   |
| 55 | 4  | 1  | 3  | 2  | 3  | 1  | 4  | 3  | 3  | 1   | 4   | 4   |
| 56 | 3  | 2  | 1  | 3  | 3  | 3  | 1  | 4  | 4  | 3   | 4   | 3   |
| 57 | 3  | 4  | 4  | 1  | 2  | 3  | 3  | 4  | 3  | 3   | 4   | 3   |
| 58 | 2  | 3  | 3  | 2  | 4  | 3  | 1  | 3  | 2  | 2   | 3   | 3   |
| 59 | 4  | 3  | 1  | 3  | 4  | 2  | 3  | 1  | 3  | 3   | 3   | 3   |
| 60 | 4  | 1  | 4  | 2  | 4  | 1  | 4  | 3  | 1  | 4   | 3   | 4   |

|    | y13 | y14 | y15 | y16 | y17 | y18 | y19 | y20 | y21 | y22 | y23 | y24 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 31 | 4   | 4   | 4   | 4   | 4   | 4   | 2   | 2   | 1   | 4   | 3   | 4   |
| 32 | 3   | 1   | 2   | 4   | 2   | 2   | 3   | 4   | 2   | 2   | 4   | 4   |
| 33 | 3   | 3   | 3   | 4   | 3   | 3   | 2   | 4   | 3   | 4   | 3   | 4   |
| 34 | 3   | 3   | 1   | 3   | 3   | 2   | 3   | 1   | 3   | 3   | 2   | 3   |
| 35 | 1   | 2   | 4   | 4   | 3   | 3   | 4   | 3   | 4   | 3   | 4   | 4   |
| 36 | 3   | 3   | 4   | 3   | 1   | 3   | 4   | 2   | 3   | 3   | 4   | 4   |
| 37 | 2   | 3   | 3   | 3   | 2   | 3   | 3   | 2   | 2   | 2   | 3   | 3   |
| 38 | 2   | 2   | 4   | 4   | 4   | 3   | 3   | 4   | 3   | 3   | 3   | 4   |
| 39 | 3   | 2   | 4   | 3   | 2   | 3   | 3   | 2   | 2   | 3   | 1   | 4   |
| 40 | 3   | 3   | 3   | 2   | 3   | 2   | 3   | 2   | 3   | 3   | 3   | 4   |
| 41 | 3   | 2   | 1   | 2   | 3   | 2   | 3   | 3   | 1   | 2   | 3   | 4   |
| 42 | 4   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 3   | 4   | 4   | 3   |
| 43 | 2   | 3   | 2   | 4   | 4   | 2   | 3   | 3   | 4   | 2   | 3   | 4   |
| 44 | 3   | 3   | 4   | 3   | 4   | 3   | 3   | 4   | 3   | 2   | 4   | 3   |
| 45 | 2   | 4   | 4   | 3   | 4   | 3   | 3   | 4   | 3   | 3   | 3   | 4   |
| 46 | 3   | 3   | 4   | 4   | 3   | 2   | 4   | 3   | 3   | 3   | 4   | 1   |
| 47 | 3   | 3   | 4   | 3   | 4   | 3   | 3   | 4   | 3   | 3   | 4   | 4   |
| 48 | 3   | 1   | 4   | 2   | 3   | 3   | 1   | 3   | 4   | 4   | 3   | 2   |
| 49 | 2   | 4   | 3   | 3   | 1   | 3   | 2   | 4   | 4   | 3   | 4   | 3   |
| 50 | 3   | 4   | 3   | 3   | 2   | 3   | 3   | 1   | 3   | 3   | 1   | 3   |
| 51 | 3   | 3   | 4   | 4   | 3   | 3   | 3   | 3   | 4   | 2   | 3   | 4   |
| 52 | 1   | 4   | 4   | 3   | 2   | 4   | 2   | 4   | 2   | 3   | 2   | 4   |
| 53 | 3   | 3   | 4   | 4   | 4   | 3   | 3   | 1   | 3   | 3   | 4   | 3   |
| 54 | 3   | 1   | 3   | 3   | 1   | 2   | 1   | 3   | 1   | 1   | 4   | 1   |
| 55 | 3   | 3   | 2   | 3   | 4   | 3   | 3   | 3   | 3   | 4   | 4   | 4   |
| 56 | 3   | 2   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 3   | 1   | 3   |
| 57 | 2   | 4   | 3   | 1   | 2   | 4   | 2   | 4   | 2   | 2   | 3   | 4   |
| 58 | 4   | 2   | 4   | 2   | 3   | 4   | 3   | 3   | 3   | 3   | 2   | 2   |
| 59 | 2   | 2   | 4   | 4   | 3   | 4   | 2   | 3   | 3   | 3   | 4   | 3   |
| 60 | 4   | 4   | 1   | 4   | 4   | 3   | 4   | 2   | 4   | 1   | 3   | 4   |

|    | y25 | y26 | y27 | y28 | y29 | y30 | y31 | y32 | y33 | y34 | y35 | y36 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 31 | 3   | 3   | 2   | 3   | 4   | 2   | 3   | 4   | 4   | 4   | 4   | 3   |
| 32 | 2   | 4   | 2   | 3   | 3   | 3   | 1   | 3   | 3   | 2   | 3   | 3   |
| 33 | 3   | 4   | 4   | 4   | 3   | 1   | 1   | 4   | 4   | 3   | 3   | 2   |
| 34 | 3   | 4   | 3   | 3   | 4   | 3   | 4   | 3   | 4   | 3   | 4   | 4   |
| 35 | 2   | 4   | 4   | 2   | 4   | 3   | 1   | 3   | 4   | 4   | 2   | 1   |
| 36 | 4   | 4   | 4   | 2   | 4   | 4   | 4   | 4   | 4   | 3   | 1   | 3   |
| 37 | 2   | 4   | 4   | 4   | 1   | 3   | 3   | 2   | 4   | 3   | 2   | 3   |
| 38 | 4   | 4   | 4   | 3   | 3   | 3   | 1   | 4   | 2   | 3   | 4   | 3   |
| 39 | 3   | 3   | 3   | 3   | 1   | 3   | 3   | 3   | 3   | 2   | 4   | 4   |
| 40 | 4   | 4   | 3   | 2   | 3   | 3   | 4   | 4   | 2   | 3   | 3   | 3   |
| 41 | 4   | 3   | 3   | 3   | 3   | 2   | 3   | 3   | 3   | 4   | 3   | 1   |
| 42 | 3   | 4   | 3   | 4   | 3   | 4   | 2   | 3   | 3   | 4   | 2   | 3   |
| 43 | 4   | 4   | 4   | 2   | 3   | 2   | 3   | 4   | 4   | 4   | 3   | 4   |
| 44 | 2   | 3   | 4   | 2   | 3   | 1   | 2   | 3   | 3   | 3   | 3   | 3   |
| 45 | 4   | 3   | 4   | 4   | 3   | 1   | 4   | 4   | 4   | 4   | 4   | 3   |
| 46 | 4   | 4   | 3   | 3   | 4   | 4   | 3   | 3   | 4   | 4   | 4   | 4   |
| 47 | 4   | 4   | 3   | 1   | 3   | 3   | 4   | 4   | 3   | 4   | 2   | 3   |
| 48 | 3   | 2   | 4   | 4   | 3   | 3   | 3   | 3   | 3   | 1   | 3   | 4   |
| 49 | 3   | 1   | 2   | 4   | 4   | 3   | 3   | 4   | 4   | 1   | 1   | 2   |
| 50 | 3   | 1   | 3   | 3   | 2   | 4   | 3   | 3   | 2   | 3   | 3   | 3   |
| 51 | 3   | 3   | 3   | 2   | 4   | 2   | 3   | 3   | 3   | 3   | 4   | 3   |
| 52 | 3   | 3   | 3   | 4   | 4   | 3   | 4   | 4   | 3   | 4   | 2   | 4   |
| 53 | 4   | 4   | 4   | 1   | 3   | 3   | 2   | 4   | 4   | 3   | 3   | 4   |
| 54 | 3   | 3   | 3   | 3   | 1   | 3   | 3   | 2   | 2   | 1   | 3   | 3   |
| 55 | 2   | 3   | 4   | 3   | 4   | 3   | 2   | 4   | 4   | 4   | 3   | 2   |
| 56 | 3   | 1   | 3   | 3   | 4   | 2   | 3   | 4   | 4   | 4   | 3   | 3   |
| 57 | 3   | 3   | 3   | 4   | 3   | 3   | 2   | 4   | 2   | 4   | 2   | 4   |
| 58 | 3   | 2   | 1   | 3   | 2   | 3   | 3   | 3   | 3   | 2   | 3   | 4   |
| 59 | 4   | 3   | 3   | 2   | 2   | 3   | 3   | 3   | 3   | 1   | 3   | 4   |
| 60 | 3   | 1   | 3   | 1   | 3   | 4   | 3   | 2   | 2   | 4   | 3   | 3   |



|    | y37 | y38 | y39 | y40 | y41 | y42 | y43 | y44 | y45 | y46 | y47 | y48 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 31 | 4   | 4   | 4   | 3   | 2   | 4   | 3   | 3   | 4   | 3   | 4   | 4   |
| 32 | 3   | 1   | 4   | 4   | 4   | 4   | 4   | 1   | 1   | 2   | 4   | 3   |
| 33 | 3   | 1   | 4   | 3   | 4   | 3   | 3   | 3   | 4   | 2   | 3   | 4   |
| 34 | 4   | 2   | 1   | 3   | 3   | 1   | 4   | 3   | 3   | 2   | 4   | 1   |
| 35 | 3   | 1   | 4   | 3   | 4   | 4   | 2   | 3   | 2   | 2   | 1   | 3   |
| 36 | 2   | 2   | 4   | 4   | 4   | 2   | 3   | 3   | 4   | 1   | 4   | 4   |
| 37 | 4   | 1   | 3   | 4   | 2   | 4   | 4   | 3   | 4   | 2   | 3   | 1   |
| 38 | 2   | 3   | 2   | 3   | 2   | 3   | 4   | 3   | 2   | 1   | 4   | 2   |
| 39 | 3   | 2   | 4   | 2   | 3   | 3   | 3   | 1   | 4   | 3   | 3   | 4   |
| 40 | 3   | 2   | 4   | 4   | 1   | 3   | 1   | 3   | 3   | 2   | 3   | 3   |
| 41 | 3   | 2   | 4   | 2   | 3   | 2   | 3   | 1   | 2   | 4   | 2   | 3   |
| 42 | 3   | 4   | 3   | 4   | 4   | 3   | 3   | 4   | 3   | 4   | 2   | 3   |
| 43 | 4   | 1   | 4   | 2   | 4   | 3   | 4   | 3   | 4   | 1   | 4   | 4   |
| 44 | 1   | 4   | 3   | 1   | 3   | 2   | 3   | 2   | 3   | 1   | 3   | 2   |
| 45 | 3   | 4   | 4   | 3   | 2   | 3   | 4   | 3   | 2   | 3   | 4   | 3   |
| 46 | 4   | 3   | 4   | 3   | 3   | 3   | 4   | 2   | 1   | 3   | 4   | 4   |
| 47 | 3   | 3   | 4   | 4   | 4   | 3   | 3   | 3   | 2   | 4   | 3   | 4   |
| 48 | 3   | 3   | 3   | 3   | 3   | 1   | 3   | 2   | 3   | 3   | 4   | 3   |
| 49 | 3   | 4   | 2   | 4   | 4   | 3   | 3   | 2   | 3   | 3   | 4   | 1   |
| 50 | 2   | 3   | 4   | 3   | 3   | 4   | 3   | 3   | 4   | 3   | 4   | 2   |
| 51 | 3   | 3   | 2   | 4   | 3   | 3   | 4   | 4   | 2   | 3   | 1   | 4   |
| 52 | 3   | 3   | 3   | 4   | 3   | 4   | 1   | 3   | 1   | 3   | 4   | 4   |
| 53 | 3   | 3   | 4   | 1   | 4   | 4   | 4   | 4   | 4   | 1   | 4   | 4   |
| 54 | 1   | 3   | 1   | 3   | 1   | 3   | 2   | 4   | 3   | 3   | 3   | 3   |
| 55 | 3   | 2   | 4   | 4   | 3   | 3   | 3   | 3   | 1   | 2   | 4   | 4   |
| 56 | 3   | 2   | 4   | 3   | 4   | 4   | 3   | 3   | 3   | 3   | 4   | 3   |
| 57 | 2   | 3   | 4   | 3   | 3   | 4   | 3   | 3   | 2   | 3   | 4   | 4   |
| 58 | 3   | 3   | 4   | 2   | 3   | 2   | 3   | 2   | 3   | 4   | 4   | 3   |
| 59 | 3   | 3   | 4   | 3   | 2   | 3   | 3   | 2   | 3   | 3   | 2   | 1   |
| 60 | 2   | 4   | 2   | 4   | 3   | 3   | 3   | 4   | 2   | 2   | 2   | 4   |

|    | y49 | y50 | y51 | y52 | y53 | y54 | y55 | y56 | y57 | y58 | y59 | y60 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 31 | 2   | 3   | 4   | 3   | 3   | 1   | 4   | 4   | 4   | 1   | 3   | 2   |
| 32 | 4   | 4   | 4   | 3   | 3   | 3   | 2   | 2   | 3   | 2   | 3   | 1   |
| 33 | 3   | 3   | 4   | 3   | 3   | 1   | 2   | 4   | 3   | 3   | 2   | 1   |
| 34 | 4   | 3   | 3   | 1   | 2   | 4   | 2   | 2   | 2   | 1   | 3   | 3   |
| 35 | 3   | 4   | 4   | 3   | 3   | 3   | 1   | 4   | 3   | 3   | 4   | 4   |
| 36 | 4   | 4   | 3   | 2   | 3   | 4   | 3   | 1   | 4   | 2   | 4   | 2   |
| 37 | 3   | 4   | 3   | 4   | 4   | 1   | 2   | 2   | 4   | 2   | 4   | 3   |
| 38 | 1   | 4   | 4   | 4   | 2   | 4   | 4   | 3   | 4   | 4   | 3   | 1   |
| 39 | 2   | 3   | 2   | 3   | 3   | 3   | 2   | 1   | 3   | 3   | 2   | 3   |
| 40 | 4   | 4   | 4   | 4   | 3   | 4   | 3   | 2   | 3   | 1   | 3   | 4   |
| 41 | 3   | 3   | 2   | 1   | 2   | 3   | 2   | 4   | 3   | 4   | 3   | 4   |
| 42 | 1   | 4   | 1   | 3   | 4   | 2   | 3   | 4   | 1   | 3   | 3   | 3   |
| 43 | 4   | 4   | 4   | 2   | 3   | 4   | 4   | 1   | 4   | 2   | 4   | 4   |
| 44 | 3   | 2   | 3   | 3   | 2   | 3   | 3   | 1   | 4   | 2   | 3   | 3   |
| 45 | 3   | 4   | 4   | 3   | 1   | 4   | 2   | 4   | 3   | 4   | 4   | 4   |
| 46 | 4   | 4   | 4   | 3   | 3   | 3   | 2   | 4   | 4   | 3   | 4   | 4   |
| 47 | 4   | 4   | 3   | 3   | 4   | 2   | 3   | 3   | 4   | 3   | 4   | 2   |
| 48 | 4   | 3   | 3   | 3   | 3   | 3   | 4   | 2   | 3   | 1   | 2   | 3   |
| 49 | 3   | 3   | 1   | 3   | 4   | 3   | 3   | 4   | 2   | 3   | 4   | 2   |
| 50 | 4   | 2   | 3   | 1   | 2   | 3   | 4   | 4   | 3   | 4   | 1   | 3   |
| 51 | 3   | 1   | 3   | 2   | 3   | 3   | 3   | 2   | 4   | 3   | 4   | 3   |
| 52 | 2   | 4   | 2   | 4   | 1   | 4   | 3   | 3   | 4   | 4   | 1   | 3   |
| 53 | 4   | 3   | 3   | 4   | 2   | 3   | 4   | 2   | 4   | 3   | 4   | 4   |
| 54 | 3   | 3   | 3   | 1   | 3   | 3   | 4   | 4   | 1   | 3   | 2   | 1   |
| 55 | 3   | 1   | 4   | 4   | 3   | 3   | 2   | 1   | 4   | 3   | 4   | 3   |
| 56 | 3   | 2   | 1   | 3   | 4   | 1   | 3   | 2   | 2   | 3   | 3   | 3   |
| 57 | 2   | 4   | 2   | 4   | 1   | 2   | 3   | 3   | 3   | 4   | 1   | 4   |
| 58 | 4   | 1   | 3   | 3   | 3   | 3   | 1   | 4   | 3   | 3   | 3   | 2   |
| 59 | 4   | 3   | 1   | 3   | 2   | 2   | 3   | 3   | 3   | 2   | 3   | 3   |
| 60 | 3   | 3   | 2   | 3   | 3   | 4   | 2   | 3   | 3   | 4   | 2   | 4   |



## **LAMPIRAN C**

***Analisis Valisitas dan Reliabilitas  
Angket***

## RELIABILITY ANALYSIS - SCALE (ALPHA)

## Item-total Statistics

|     | Scale<br>Mean<br>if Item<br>Deleted | Scale<br>Variance<br>if Item<br>Deleted | Corrected<br>Item-<br>Total<br>Correlation | Alpha<br>if Item<br>Deleted |
|-----|-------------------------------------|---|--|-----------------------------|
| Y1  | 151.9000                            | 731.5492                                | .4004                                      | .9358                       |
| Y2  | 151.8500                            | 734.4347                                | .3676                                      | .9359                       |
| Y3  | 151.7833                            | 741.2912                                | .2490*                                     | .9366                       |
| Y4  | 152.0333                            | 729.4565                                | .4947                                      | .9352                       |
| Y5  | 151.7000                            | 745.7051                                | .1605*                                     | .9372                       |
| Y6  | 151.9333                            | 739.9955                                | .2904                                      | .9364                       |
| Y7  | 151.6333                            | 741.3548                                | .2352*                                     | .9368                       |
| Y8  | 151.7333                            | 739.2158                                | .2778                                      | .9365                       |
| Y9  | 151.7500                            | 728.2924                                | .4984                                      | .9352                       |
| Y10 | 151.9833                            | 737.8811                                | .2983                                      | .9364                       |
| Y11 | 151.3667                            | 730.6090                                | .4661                                      | .9354                       |
| Y12 | 151.6167                            | 726.9184                                | .4993                                      | .9351                       |
| Y13 | 152.0000                            | 734.4746                                | .4734                                      | .9354                       |
| Y14 | 151.9667                            | 727.3209                                | .5298                                      | .9350                       |
| Y15 | 151.5333                            | 725.1684                                | .5249                                      | .9350                       |
| Y16 | 151.5667                            | 731.3006                                | .4673                                      | .9354                       |
| Y17 | 151.8000                            | 728.5017                                | .4757                                      | .9353                       |
| Y18 | 151.8000                            | 728.9763                                | .5728                                      | .9349                       |
| Y19 | 151.8167                            | 730.6607                                | .4788                                      | .9353                       |
| Y20 | 151.7500                            | 730.6653                                | .4302                                      | .9356                       |
| Y21 | 151.7500                            | 736.8347                                | .3660                                      | .9359                       |
| Y22 | 151.8833                            | 734.8167                                | .4562                                      | .9355                       |
| Y23 | 151.6333                            | 732.9480                                | .3827                                      | .9359                       |
| Y24 | 151.6667                            | 715.8192                                | .6274                                      | .9342                       |
| Y25 | 151.5833                            | 729.6370                                | .5081                                      | .9351                       |
| Y26 | 151.7167                            | 727.2912                                | .4693                                      | .9353                       |
| Y27 | 151.6000                            | 723.7017                                | .6131                                      | .9345                       |
| Y28 | 151.8000                            | 741.0102                                | .2811                                      | .9364                       |
| Y29 | 151.8500                            | 716.4347                                | .6977                                      | .9339                       |
| Y30 | 152.0167                            | 732.8641                                | .4352                                      | .9355                       |
| Y31 | 151.9500                            | 738.8280                                | .3015                                      | .9363                       |
| Y32 | 151.5000                            | 721.1695                                | .6354                                      | .9343                       |
| Y33 | 151.5667                            | 722.8938                                | .6354                                      | .9344                       |
| Y34 | 151.6833                            | 722.9319                                | .5559                                      | .9348                       |
| Y35 | 151.7333                            | 738.5718                                | .3471                                      | .9360                       |
| Y36 | 151.7000                            | 731.5017                                | .4324                                      | .9355                       |
| Y37 | 151.8667                            | 725.2362                                | .6121                                      | .9346                       |
| Y38 | 152.0333                            | 739.5582                                | .3112                                      | .9362                       |
| Y39 | 151.4667                            | 721.1345                                | .6009                                      | .9345                       |
| Y40 | 151.8000                            | 724.1966                                | .5366                                      | .9349                       |
| Y41 | 151.6667                            | 731.3107                                | .4383                                      | .9355                       |





**LAMPIRAN D**

*Data Penelitian  
Angket Kemandirian dalam  
Memecahkan Masalah*

|    | y1 | y2 | y3 | y4 | y5 | y6 | y7 | y8 | y9 | y10 | y11 | y12 |
|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|
| 1  | 4  | 3  | .  | 4  | .  | 2  | .  | 2  | 3  | 2   | 3   | 3   |
| 2  | 1  | 4  | .  | 2  | .  | 2  | .  | 2  | 3  | 1   | 4   | 2   |
| 3  | 3  | 2  | .  | 1  | .  | 1  | .  | 4  | 2  | 4   | 2   | 1   |
| 4  | 1  | 2  | .  | 1  | .  | 1  | .  | 3  | 1  | 3   | 1   | 4   |
| 5  | 3  | 3  | .  | 1  | .  | 1  | .  | 1  | 4  | 1   | 4   | 2   |
| 6  | 2  | 4  | .  | 1  | .  | 4  | .  | 4  | 4  | 4   | 4   | 3   |
| 7  | 1  | 1  | .  | 1  | .  | 2  | .  | 2  | 2  | 1   | 3   | 2   |
| 8  | 1  | 2  | .  | 2  | .  | 3  | .  | 3  | 3  | 1   | 2   | 3   |
| 9  | 3  | 1  | .  | 1  | .  | 3  | .  | 4  | 2  | 2   | 3   | 3   |
| 10 | 2  | 1  | .  | 1  | .  | 2  | .  | 2  | 2  | 3   | 2   | 3   |
| 11 | 4  | 3  | .  | 3  | .  | 4  | .  | 2  | 3  | 2   | 3   | 1   |
| 12 | 2  | 1  | .  | 1  | .  | 3  | .  | 2  | 3  | 3   | 3   | 3   |
| 13 | 1  | 2  | .  | 2  | .  | 2  | .  | 2  | 2  | 2   | 4   | 1   |
| 14 | 1  | 1  | .  | 3  | .  | 3  | .  | 3  | 1  | 3   | 2   | 2   |
| 15 | 3  | 3  | .  | 2  | .  | 2  | .  | 1  | 2  | 2   | 3   | 3   |
| 16 | 2  | 3  | .  | 3  | .  | 2  | .  | 3  | 3  | 2   | 3   | 2   |
| 17 | 4  | 2  | .  | 2  | .  | 2  | .  | 1  | 2  | 2   | 4   | 2   |
| 18 | 2  | 2  | .  | 2  | .  | 2  | .  | 1  | 2  | 1   | 1   | 1   |
| 19 | 3  | 1  | .  | 1  | .  | 1  | .  | 2  | 1  | 2   | 1   | 3   |
| 20 | 2  | 3  | .  | 2  | .  | 2  | .  | 2  | 2  | 4   | 2   | 2   |
| 21 | 1  | 1  | .  | 2  | .  | 3  | .  | 4  | 1  | 1   | 1   | 2   |
| 22 | 1  | 2  | .  | 3  | .  | 2  | .  | 3  | 2  | 2   | 2   | 1   |
| 23 | 2  | 1  | .  | 2  | .  | 1  | .  | 2  | 1  | 1   | 4   | 1   |
| 24 | 1  | 3  | .  | 4  | .  | 1  | .  | 1  | 2  | 3   | 2   | 2   |
| 25 | 2  | 1  | .  | 1  | .  | 2  | .  | 3  | 2  | 2   | 2   | 2   |
| 26 | 1  | 4  | .  | 1  | .  | 1  | .  | 1  | 1  | 1   | 3   | 1   |
| 27 | 2  | 1  | .  | 2  | .  | 2  | .  | 3  | 2  | 2   | 3   | 2   |
| 28 | 3  | 2  | .  | 2  | .  | 2  | .  | 1  | 3  | 2   | 1   | 2   |
| 29 | 1  | 3  | .  | 2  | .  | 3  | .  | 2  | 2  | 1   | 2   | 3   |
| 30 | 2  | 3  | .  | 3  | .  | 4  | .  | 3  | 2  | 2   | 2   | 4   |

|    | y13 | y14 | y15 | y16 | y17 | y18 | y19 | y20 | y21 | y22 | y23 | y24 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1  | 3   | 3   | 3   | 3   | 2   | 3   | 4   | 3   | 2   | 2   | 3   | 4   |
| 2  | 2   | 2   | 4   | 1   | 4   | 2   | 3   | 4   | 4   | 2   | 4   | 1   |
| 3  | 1   | 1   | 4   | 1   | 2   | 2   | 1   | 4   | 1   | 1   | 3   | 4   |
| 4  | 2   | 1   | 2   | 2   | 3   | 3   | 1   | 2   | 1   | 3   | 2   | 3   |
| 5  | 1   | 3   | 1   | 3   | 1   | 1   | 4   | 1   | 2   | 3   | 1   | 2   |
| 6  | 2   | 1   | 3   | 4   | 3   | 1   | 1   | 3   | 3   | 1   | 3   | 1   |
| 7  | 2   | 1   | 4   | 1   | 3   | 2   | 4   | 3   | 3   | 3   | 4   | 1   |
| 8  | 3   | 1   | 2   | 3   | 3   | 3   | 2   | 2   | 2   | 2   | 1   | 3   |
| 9  | 3   | 1   | 3   | 2   | 2   | 2   | 1   | 3   | 2   | 2   | 3   | 1   |
| 10 | 2   | 2   | 2   | 2   | 3   | 2   | 3   | 2   | 2   | 2   | 3   | 2   |
| 11 | 2   | 3   | 2   | 3   | 1   | 2   | 3   | 2   | 3   | 3   | 3   | 1   |
| 12 | 2   | 1   | 2   | 3   | 2   | 2   | 1   | 4   | 3   | 1   | 2   | 1   |
| 13 | 2   | 3   | 2   | 2   | 2   | 2   | 2   | 1   | 4   | 3   | 1   | 3   |
| 14 | 2   | 3   | 3   | 3   | 2   | 4   | 2   | 3   | 2   | 2   | 3   | 3   |
| 15 | 3   | 2   | 3   | 2   | 2   | 2   | 2   | 2   | 2   | 3   | 3   | 2   |
| 16 | 1   | 2   | 3   | 3   | 3   | 2   | 3   | 3   | 2   | 2   | 1   | 3   |
| 17 | 2   | 2   | 4   | 1   | 1   | 3   | 2   | 2   | 3   | 2   | 1   | 1   |
| 18 | 2   | 1   | 2   | 2   | 2   | 1   | 2   | 2   | 3   | 2   | 3   | 2   |
| 19 | 2   | 1   | 2   | 3   | 1   | 1   | 1   | 1   | 2   | 1   | 4   | 2   |
| 20 | 2   | 2   | 2   | 3   | 2   | 2   | 3   | 1   | 2   | 2   | 2   | 1   |
| 21 | 2   | 4   | 2   | 2   | 3   | 2   | 2   | 1   | 2   | 2   | 1   | 1   |
| 22 | 1   | 2   | 1   | 1   | 4   | 1   | 2   | 2   | 1   | 3   | 2   | 3   |
| 23 | 2   | 2   | 1   | 2   | 1   | 2   | 1   | 2   | 2   | 1   | 4   | 1   |
| 24 | 1   | 2   | 2   | 3   | 3   | 2   | 2   | 3   | 1   | 2   | 2   | 2   |
| 25 | 2   | 2   | 1   | 2   | 1   | 3   | 2   | 3   | 2   | 2   | 2   | 1   |
| 26 | 1   | 1   | 1   | 4   | 1   | 1   | 1   | 1   | 4   | 1   | 1   | 1   |
| 27 | 1   | 2   | 2   | 3   | 1   | 2   | 3   | 1   | 2   | 3   | 2   | 2   |
| 28 | 2   | 2   | 2   | 3   | 2   | 3   | 3   | 2   | 1   | 2   | 2   | 2   |
| 29 | 2   | 2   | 3   | 1   | 3   | 2   | 2   | 2   | 3   | 2   | 1   | 3   |
| 30 | 2   | 3   | 3   | 2   | 1   | 2   | 2   | 1   | 3   | 3   | 2   | 2   |



|    | y25 | y26 | y27 | y28 | y29 | y30 | y31 | y32 | y33 | y34 | y35 | y36 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1  | 4   | 3   | 3   | 2   | 3   | 3   | 3   | 4   | 3   | 4   | 3   | 3   |
| 2  | 3   | 4   | 3   | 2   | 2   | 1   | 2   | 2   | 4   | 2   | 4   | 1   |
| 3  | 4   | 4   | 3   | 1   | 2   | 2   | 2   | 3   | 2   | 4   | 4   | 1   |
| 4  | 2   | 2   | 2   | 3   | 2   | 3   | 1   | 1   | 2   | 2   | 1   | 3   |
| 5  | 3   | 2   | 2   | 1   | 3   | 1   | 2   | 3   | 2   | 2   | 3   | 2   |
| 6  | 2   | 1   | 4   | 4   | 4   | 1   | 1   | 2   | 3   | 3   | 1   | 4   |
| 7  | 3   | 2   | 3   | 2   | 2   | 2   | 2   | 2   | 2   | 1   | 2   | 2   |
| 8  | 1   | 2   | 2   | 2   | 3   | 1   | 1   | 3   | 2   | 2   | 3   | 2   |
| 9  | 2   | 2   | 1   | 3   | 1   | 2   | 2   | 1   | 1   | 2   | 2   | 4   |
| 10 | 3   | 2   | 2   | 2   | 2   | 2   | 2   | 3   | 2   | 3   | 3   | 2   |
| 11 | 2   | 1   | 3   | 3   | 3   | 4   | 1   | 2   | 2   | 4   | 3   | 2   |
| 12 | 2   | 1   | 2   | 2   | 1   | 1   | 1   | 4   | 4   | 3   | 1   | 4   |
| 13 | 1   | 2   | 4   | 3   | 3   | 1   | 1   | 1   | 3   | 3   | 2   | 3   |
| 14 | 2   | 2   | 3   | 3   | 3   | 1   | 2   | 2   | 2   | 3   | 3   | 2   |
| 15 | 3   | 3   | 1   | 2   | 2   | 2   | 3   | 3   | 3   | 1   | 2   | 2   |
| 16 | 2   | 2   | 3   | 3   | 2   | 2   | 2   | 3   | 3   | 2   | 3   | 3   |
| 17 | 2   | 3   | 2   | 2   | 1   | 3   | 4   | 1   | 2   | 2   | 2   | 1   |
| 18 | 3   | 1   | 1   | 2   | 2   | 2   | 1   | 1   | 1   | 2   | 3   | 1   |
| 19 | 1   | 1   | 2   | 1   | 2   | 2   | 3   | 2   | 1   | 1   | 2   | 2   |
| 20 | 1   | 2   | 1   | 2   | 1   | 2   | 1   | 3   | 2   | 3   | 2   | 2   |
| 21 | 2   | 3   | 1   | 1   | 2   | 3   | 3   | 1   | 2   | 3   | 2   | 2   |
| 22 | 2   | 2   | 2   | 3   | 1   | 2   | 2   | 1   | 2   | 1   | 2   | 3   |
| 23 | 1   | 2   | 2   | 1   | 1   | 1   | 2   | 2   | 1   | 2   | 3   | 2   |
| 24 | 3   | 2   | 2   | 2   | 2   | 1   | 2   | 2   | 2   | 2   | 1   | 1   |
| 25 | 4   | 1   | 2   | 2   | 1   | 2   | 1   | 3   | 2   | 1   | 2   | 1   |
| 26 | 1   | 4   | 1   | 4   | 1   | 1   | 4   | 1   | 1   | 3   | 1   | 3   |
| 27 | 4   | 1   | 2   | 2   | 1   | 1   | 1   | 3   | 3   | 1   | 2   | 1   |
| 28 | 3   | 3   | 3   | 2   | 2   | 2   | 3   | 3   | 3   | 2   | 3   | 3   |
| 29 | 2   | 1   | 2   | 3   | 2   | 2   | 2   | 4   | 4   | 1   | 2   | 1   |
| 30 | 2   | 3   | 4   | 2   | 1   | 2   | 3   | 3   | 3   | 2   | 2   | 2   |

|    | y37 | y38 | y39 | y40 | y41 | y42 | y43 | y44 | y45 | y46 | y47 | y48 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1  | 3   | 2   | 4   | 4   | 3   | 3   | 3   | 4   | 3   | 3   | 3   | 3   |
| 2  | 4   | 1   | 3   | 2   | 4   | 2   | 3   | 2   | 4   | 2   | 4   | 2   |
| 3  | 3   | 1   | 3   | 1   | 1   | 4   | 2   | 2   | 2   | 2   | 1   | 2   |
| 4  | 2   | 2   | 2   | 4   | 2   | 1   | 2   | 3   | 1   | 2   | 2   | 4   |
| 5  | 2   | 2   | 2   | 1   | 4   | 2   | 2   | 4   | 3   | 1   | 4   | 1   |
| 6  | 3   | 1   | 2   | 1   | 2   | 3   | 4   | 2   | 2   | 1   | 2   | 3   |
| 7  | 2   | 1   | 3   | 2   | 2   | 3   | 2   | 2   | 3   | 1   | 3   | 2   |
| 8  | 3   | 3   | 1   | 3   | 1   | 3   | 3   | 1   | 2   | 1   | 4   | 4   |
| 9  | 1   | 2   | 2   | 2   | 2   | 2   | 1   | 2   | 1   | 1   | 2   | 1   |
| 10 | 3   | 2   | 2   | 2   | 2   | 3   | 2   | 1   | 2   | 3   | 2   | 2   |
| 11 | 3   | 2   | 4   | 4   | 2   | 1   | 3   | 2   | 3   | 2   | 3   | 3   |
| 12 | 2   | 1   | 2   | 1   | 1   | 4   | 3   | 3   | 2   | 1   | 2   | 3   |
| 13 | 2   | 3   | 3   | 2   | 2   | 2   | 3   | 2   | 2   | 1   | 2   | 3   |
| 14 | 2   | 3   | 3   | 1   | 3   | 3   | 4   | 2   | 3   | 2   | 3   | 3   |
| 15 | 2   | 2   | 2   | 1   | 3   | 2   | 3   | 1   | 4   | 2   | 2   | 2   |
| 16 | 3   | 2   | 3   | 2   | 3   | 2   | 2   | 3   | 3   | 2   | 4   | 3   |
| 17 | 2   | 1   | 1   | 1   | 2   | 1   | 2   | 2   | 1   | 1   | 3   | 2   |
| 18 | 2   | 2   | 2   | 1   | 2   | 2   | 1   | 4   | 1   | 2   | 1   | 2   |
| 19 | 1   | 2   | 2   | 2   | 2   | 1   | 2   | 2   | 2   | 1   | 4   | 2   |
| 20 | 3   | 2   | 3   | 2   | 1   | 2   | 1   | 1   | 3   | 2   | 1   | 1   |
| 21 | 2   | 3   | 3   | 3   | 1   | 1   | 1   | 2   | 2   | 4   | 2   | 1   |
| 22 | 1   | 2   | 2   | 2   | 3   | 2   | 3   | 2   | 1   | 2   | 1   | 1   |
| 23 | 1   | 1   | 1   | 2   | 2   | 1   | 2   | 1   | 3   | 2   | 1   | 2   |
| 24 | 3   | 2   | 1   | 2   | 3   | 1   | 3   | 2   | 1   | 1   | 3   | 4   |
| 25 | 1   | 2   | 3   | 1   | 1   | 1   | 3   | 1   | 1   | 2   | 2   | 3   |
| 26 | 1   | 4   | 1   | 1   | 4   | 1   | 1   | 4   | 1   | 1   | 4   | 1   |
| 27 | 1   | 2   | 3   | 2   | 3   | 1   | 4   | 1   | 1   | 2   | 2   | 4   |
| 28 | 2   | 2   | 2   | 3   | 3   | 2   | 2   | 3   | 2   | 3   | 2   | 1   |
| 29 | 1   | 2   | 2   | 2   | 1   | 2   | 2   | 1   | 3   | 2   | 3   | 2   |
| 30 | 1   | 2   | 4   | 2   | 4   | 1   | 3   | 3   | 2   | 1   | 1   | 2   |

|    | y48 | y49 | y50 | y51 | y52 | y53 | y54 | y55 | y56 | y57 | y58 | y59 | y60 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1  | 3   | 3   | 2   | .   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   | 3   |
| 2  | 2   | 4   | 2   | .   | 2   | 3   | 1   | 2   | 1   | 3   | 2   | 4   | 4   |
| 3  | 2   | 3   | 4   | .   | 1   | 2   | 2   | 2   | 1   | 4   | 2   | 2   | 4   |
| 4  | 4   | 2   | 2   | .   | 1   | 3   | 2   | 3   | 2   | 2   | 1   | 3   | 2   |
| 5  | 1   | 2   | 2   | .   | 1   | 2   | 3   | 2   | 1   | 1   | 1   | 3   | 2   |
| 6  | 3   | 1   | 3   | .   | 3   | 4   | 4   | 2   | 1   | 4   | 2   | 3   | 4   |
| 7  | 2   | 3   | 2   | .   | 2   | 3   | 1   | 1   | 1   | 3   | 1   | 4   | 2   |
| 8  | 4   | 3   | 3   | .   | 2   | 2   | 2   | 1   | 2   | 2   | 4   | 2   | 2   |
| 9  | 1   | 2   | 2   | .   | 4   | 2   | 3   | 2   | 1   | 4   | 2   | 2   | 1   |
| 10 | 2   | 3   | 1   | .   | 2   | 1   | 2   | 3   | 2   | 2   | 2   | 3   | 2   |
| 11 | 3   | 3   | 3   | .   | 1   | 2   | 3   | 2   | 4   | 2   | 2   | 3   | 2   |
| 12 | 3   | 1   | 3   | .   | 2   | 2   | 3   | 2   | 1   | 1   | 2   | 1   | 1   |
| 13 | 3   | 2   | 2   | .   | 2   | 2   | 4   | 4   | 1   | 3   | 2   | 2   | 2   |
| 14 | 3   | 3   | 4   | .   | 2   | 2   | 2   | 2   | 2   | 3   | 3   | 4   | 3   |
| 15 | 2   | 2   | 2   | .   | 3   | 1   | 2   | 3   | 2   | 2   | 3   | 2   | 2   |
| 16 | 3   | 2   | 2   | .   | 3   | 3   | 1   | 2   | 3   | 1   | 1   | 3   | 1   |
| 17 | 2   | 1   | 3   | .   | 1   | 3   | 2   | 2   | 1   | 1   | 2   | 2   | 1   |
| 18 | 2   | 2   | 1   | .   | 2   | 4   | 1   | 1   | 2   | 4   | 2   | 2   | 4   |
| 19 | 2   | 2   | 1   | .   | 2   | 2   | 2   | 3   | 2   | 2   | 1   | 1   | 3   |
| 20 | 1   | 1   | 3   | .   | 1   | 3   | 1   | 1   | 3   | 3   | 2   | 3   | 2   |
| 21 | 1   | 2   | 2   | .   | 3   | 3   | 3   | 3   | 2   | 2   | 4   | 2   | 1   |
| 22 | 1   | 1   | 2   | .   | 1   | 1   | 2   | 1   | 2   | 2   | 3   | 2   | 1   |
| 23 | 2   | 3   | 1   | .   | 1   | 1   | 1   | 2   | 4   | 1   | 1   | 1   | 2   |
| 24 | 4   | 2   | 1   | .   | 2   | 2   | 1   | 1   | 1   | 4   | 3   | 2   | 1   |
| 25 | 3   | 2   | 2   | .   | 3   | 1   | 1   | 2   | 4   | 3   | 2   | 1   | 2   |
| 26 | 1   | 3   | 1   | .   | 1   | 4   | 4   | 4   | 1   | 1   | 4   | 1   | 1   |
| 27 | 4   | 3   | 2   | .   | 3   | 1   | 2   | 2   | 3   | 3   | 2   | 2   | 3   |
| 28 | 1   | 2   | 1   | .   | 3   | 3   | 2   | 1   | 2   | 2   | 3   | 2   | 3   |
| 29 | 2   | 2   | 2   | .   | 4   | 2   | 1   | 2   | 1   | 3   | 1   | 3   | 2   |
| 30 | 2   | 1   | 2   | .   | 3   | 2   | 2   | 3   | 1   | 4   | 2   | 3   | 2   |

|    | km  | tt           |
|----|-----|--------------|
| 1  | 169 | Panti Asuhan |
| 2  | 145 | Panti Asuhan |
| 3  | 128 | Panti Asuhan |
| 4  | 116 | Panti Asuhan |
| 5  | 117 | Panti Asuhan |
| 6  | 143 | Panti Asuhan |
| 7  | 120 | Panti Asuhan |
| 8  | 125 | Panti Asuhan |
| 9  | 114 | Panti Asuhan |
| 10 | 122 | Panti Asuhan |
| 11 | 142 | Panti Asuhan |
| 12 | 115 | Panti Asuhan |
| 13 | 125 | Panti Asuhan |
| 14 | 141 | Panti Asuhan |
| 15 | 126 | Panti Asuhan |
| 16 | 135 | Panti Asuhan |
| 17 | 108 | Panti Asuhan |
| 18 | 105 | Panti Asuhan |
| 19 | 100 | Panti Asuhan |
| 20 | 112 | Panti Asuhan |
| 21 | 116 | Panti Asuhan |
| 22 | 104 | Panti Asuhan |
| 23 | 93  | Panti Asuhan |
| 24 | 112 | Panti Asuhan |
| 25 | 106 | Panti Asuhan |
| 26 | 106 | Panti Asuhan |
| 27 | 117 | Panti Asuhan |
| 28 | 127 | Panti Asuhan |
| 29 | 117 | Panti Asuhan |
| 30 | 131 | Panti Asuhan |



|    | y1 | y2 | y3 | y4 | y5 | y6 | y7 | y8 | y9 | y10 | y11 | y12 |
|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|
| 31 | 2  | 4  | .  | 2  | .  | 1  | .  | 3  | 4  | 4   | 1   | 4   |
| 32 | 1  | 4  | .  | 3  | .  | 2  | .  | 4  | 2  | 1   | 4   | 1   |
| 33 | 4  | 2  | .  | 3  | .  | 4  | .  | 3  | 3  | 1   | 3   | 4   |
| 34 | 2  | 3  | .  | 2  | .  | 3  | .  | 2  | 3  | 2   | 3   | 3   |
| 35 | 2  | 1  | .  | 4  | .  | 2  | .  | 3  | 4  | 2   | 3   | 4   |
| 36 | 3  | 2  | .  | 2  | .  | 2  | .  | 1  | 3  | 2   | 4   | 3   |
| 37 | 2  | 3  | .  | 3  | .  | 4  | .  | 3  | 1  | 2   | 4   | 3   |
| 38 | 2  | 3  | .  | 3  | .  | 3  | .  | 4  | 1  | 4   | 4   | 4   |
| 39 | 1  | 2  | .  | 1  | .  | 2  | .  | 3  | 3  | 1   | 3   | 3   |
| 40 | 3  | 3  | .  | 3  | .  | 3  | .  | 4  | 4  | 3   | 3   | 4   |
| 41 | 4  | 3  | .  | 2  | .  | 3  | .  | 3  | 3  | 2   | 3   | 4   |
| 42 | 4  | 4  | .  | 3  | .  | 3  | .  | 1  | 3  | 4   | 3   | 3   |
| 43 | 3  | 1  | .  | 4  | .  | 4  | .  | 3  | 4  | 4   | 4   | 4   |
| 44 | 2  | 3  | .  | 3  | .  | 1  | .  | 3  | 4  | 2   | 4   | 4   |
| 45 | 1  | 3  | .  | 2  | .  | 3  | .  | 1  | 2  | 1   | 4   | 4   |
| 46 | 3  | 4  | .  | 4  | .  | 2  | .  | 3  | 3  | 3   | 4   | 1   |
| 47 | 4  | 3  | .  | 3  | .  | 3  | .  | 2  | 2  | 4   | 4   | 4   |
| 48 | 3  | 2  | .  | 3  | .  | 3  | .  | 4  | 4  | 3   | 4   | 4   |
| 49 | 4  | 3  | .  | 4  | .  | 3  | .  | 3  | 4  | 4   | 4   | 3   |
| 50 | 2  | 3  | .  | 1  | .  | 1  | .  | 3  | 2  | 4   | 3   | 3   |
| 51 | 4  | 4  | .  | 4  | .  | 4  | .  | 4  | 4  | 3   | 4   | 1   |
| 52 | 3  | 4  | .  | 3  | .  | 3  | .  | 4  | 4  | 3   | 3   | 3   |
| 53 | 4  | 3  | .  | 3  | .  | 3  | .  | 4  | 4  | 1   | 3   | 4   |
| 54 | 2  | 3  | .  | 2  | .  | 4  | .  | 1  | 3  | 3   | 2   | 2   |
| 55 | 4  | 1  | .  | 2  | .  | 1  | .  | 3  | 3  | 1   | 4   | 4   |
| 56 | 3  | 2  | .  | 3  | .  | 3  | .  | 4  | 4  | 3   | 4   | 3   |
| 57 | 3  | 4  | .  | 1  | .  | 3  | .  | 4  | 3  | 3   | 4   | 3   |
| 58 | 2  | 3  | .  | 2  | .  | 3  | .  | 3  | 2  | 2   | 3   | 3   |
| 59 | 4  | 3  | .  | 3  | .  | 2  | .  | 1  | 3  | 3   | 3   | 3   |
| 60 | 4  | 1  | .  | 2  | .  | 1  | .  | 3  | 1  | 4   | 3   | 4   |

|    | y13 | y14 | y15 | y16 | y17 | y18 | y19 | y20 | y21 | y22 | y23 | y24 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 31 | 4   | 4   | 4   | 4   | 4   | 4   | 2   | 2   | 1   | 4   | 3   | 4   |
| 32 | 3   | 1   | 2   | 4   | 2   | 2   | 3   | 4   | 2   | 2   | 4   | 4   |
| 33 | 3   | 3   | 3   | 4   | 3   | 3   | 2   | 4   | 3   | 4   | 3   | 4   |
| 34 | 3   | 3   | 1   | 3   | 3   | 2   | 3   | 1   | 3   | 3   | 2   | 3   |
| 35 | 1   | 2   | 4   | 4   | 3   | 3   | 4   | 3   | 4   | 3   | 4   | 4   |
| 36 | 3   | 3   | 4   | 3   | 1   | 3   | 4   | 2   | 3   | 3   | 4   | 4   |
| 37 | 2   | 3   | 3   | 3   | 2   | 3   | 3   | 2   | 2   | 2   | 3   | 3   |
| 38 | 2   | 2   | 4   | 4   | 4   | 3   | 3   | 4   | 3   | 3   | 3   | 4   |
| 39 | 3   | 2   | 4   | 3   | 2   | 3   | 3   | 2   | 2   | 3   | 1   | 4   |
| 40 | 3   | 3   | 3   | 2   | 3   | 2   | 3   | 2   | 3   | 3   | 3   | 4   |
| 41 | 3   | 2   | 1   | 2   | 3   | 2   | 3   | 3   | 1   | 2   | 3   | 4   |
| 42 | 4   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 3   | 4   | 4   | 3   |
| 43 | 2   | 3   | 2   | 4   | 4   | 2   | 3   | 3   | 4   | 2   | 3   | 4   |
| 44 | 3   | 3   | 4   | 3   | 4   | 3   | 3   | 4   | 3   | 2   | 4   | 3   |
| 45 | 2   | 4   | 4   | 3   | 4   | 3   | 3   | 4   | 3   | 3   | 3   | 4   |
| 46 | 3   | 3   | 4   | 4   | 3   | 2   | 4   | 3   | 3   | 3   | 4   | 1   |
| 47 | 3   | 3   | 4   | 3   | 4   | 3   | 3   | 4   | 3   | 3   | 4   | 4   |
| 48 | 3   | 1   | 4   | 2   | 3   | 3   | 1   | 3   | 4   | 4   | 3   | 2   |
| 49 | 2   | 4   | 3   | 3   | 1   | 3   | 2   | 4   | 4   | 3   | 4   | 3   |
| 50 | 3   | 4   | 3   | 3   | 2   | 3   | 3   | 1   | 3   | 3   | 1   | 3   |
| 51 | 3   | 3   | 4   | 4   | 3   | 3   | 3   | 3   | 4   | 2   | 3   | 4   |
| 52 | 1   | 4   | 4   | 3   | 2   | 4   | 2   | 4   | 2   | 3   | 2   | 4   |
| 53 | 3   | 3   | 4   | 4   | 4   | 3   | 3   | 1   | 3   | 3   | 4   | 3   |
| 54 | 3   | 1   | 3   | 3   | 1   | 2   | 1   | 3   | 1   | 1   | 4   | 1   |
| 55 | 3   | 3   | 2   | 3   | 4   | 3   | 3   | 3   | 3   | 4   | 4   | 4   |
| 56 | 3   | 2   | 4   | 4   | 4   | 4   | 4   | 4   | 4   | 3   | 1   | 3   |
| 57 | 2   | 4   | 3   | 1   | 2   | 4   | 2   | 4   | 2   | 2   | 3   | 4   |
| 58 | 4   | 2   | 4   | 2   | 3   | 4   | 3   | 3   | 3   | 3   | 2   | 2   |
| 59 | 2   | 2   | 4   | 4   | 3   | 4   | 2   | 3   | 3   | 3   | 4   | 3   |
| 60 | 4   | 4   | 1   | 4   | 4   | 3   | 4   | 2   | 4   | 1   | 3   | 4   |

|    | y25 | y26 | y27 | y28 | y29 | y30 | y31 | y32 | y33 | y34 | y35 | y36 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 31 | 3   | 3   | 2   | 3   | 4   | 2   | 3   | 4   | 4   | 4   | 4   | 3   |
| 32 | 2   | 4   | 2   | 3   | 3   | 3   | 1   | 3   | 3   | 2   | 3   | 3   |
| 33 | 3   | 4   | 4   | 4   | 3   | 1   | 1   | 4   | 4   | 3   | 3   | 2   |
| 34 | 3   | 4   | 3   | 3   | 4   | 3   | 4   | 3   | 4   | 3   | 4   | 4   |
| 35 | 2   | 4   | 4   | 2   | 4   | 3   | 1   | 3   | 4   | 4   | 2   | 1   |
| 36 | 4   | 4   | 4   | 2   | 4   | 4   | 4   | 4   | 4   | 3   | 1   | 3   |
| 37 | 2   | 4   | 4   | 4   | 1   | 3   | 3   | 2   | 4   | 3   | 2   | 3   |
| 38 | 4   | 4   | 4   | 3   | 3   | 3   | 1   | 4   | 2   | 3   | 4   | 3   |
| 39 | 3   | 3   | 3   | 3   | 1   | 3   | 3   | 3   | 3   | 2   | 4   | 4   |
| 40 | 4   | 4   | 3   | 2   | 3   | 3   | 4   | 4   | 2   | 3   | 3   | 3   |
| 41 | 4   | 3   | 3   | 3   | 3   | 2   | 3   | 3   | 3   | 4   | 3   | 1   |
| 42 | 3   | 4   | 3   | 4   | 3   | 4   | 2   | 3   | 3   | 4   | 2   | 3   |
| 43 | 4   | 4   | 4   | 2   | 3   | 2   | 3   | 4   | 4   | 4   | 3   | 4   |
| 44 | 2   | 3   | 4   | 2   | 3   | 1   | 2   | 3   | 3   | 3   | 3   | 3   |
| 45 | 4   | 3   | 4   | 4   | 3   | 1   | 4   | 4   | 4   | 4   | 4   | 3   |
| 46 | 4   | 4   | 3   | 3   | 4   | 4   | 3   | 3   | 4   | 4   | 4   | 4   |
| 47 | 4   | 4   | 3   | 1   | 3   | 3   | 4   | 4   | 3   | 4   | 2   | 3   |
| 48 | 3   | 2   | 4   | 4   | 3   | 3   | 3   | 3   | 3   | 1   | 3   | 4   |
| 49 | 3   | 1   | 2   | 4   | 4   | 3   | 3   | 4   | 4   | 1   | 1   | 2   |
| 50 | 3   | 1   | 3   | 3   | 2   | 4   | 3   | 3   | 2   | 3   | 3   | 3   |
| 51 | 3   | 3   | 3   | 2   | 4   | 2   | 3   | 3   | 3   | 3   | 4   | 3   |
| 52 | 3   | 3   | 3   | 4   | 4   | 3   | 4   | 4   | 3   | 4   | 2   | 4   |
| 53 | 4   | 4   | 4   | 1   | 3   | 3   | 2   | 4   | 4   | 3   | 3   | 4   |
| 54 | 3   | 3   | 3   | 3   | 1   | 3   | 3   | 2   | 2   | 1   | 3   | 3   |
| 55 | 2   | 3   | 4   | 3   | 4   | 3   | 2   | 4   | 4   | 4   | 3   | 2   |
| 56 | 3   | 1   | 3   | 3   | 4   | 2   | 3   | 4   | 4   | 4   | 3   | 3   |
| 57 | 3   | 3   | 3   | 4   | 3   | 3   | 2   | 4   | 2   | 4   | 2   | 4   |
| 58 | 3   | 2   | 1   | 3   | 2   | 3   | 3   | 3   | 3   | 2   | 3   | 4   |
| 59 | 4   | 3   | 3   | 2   | 2   | 3   | 3   | 3   | 3   | 1   | 3   | 4   |
| 60 | 3   | 1   | 3   | 1   | 3   | 4   | 3   | 2   | 2   | 4   | 3   | 3   |

|    | y37 | y38 | y39 | y40 | y41 | y42 | y43 | y44 | y45 | y46 | y47 | y48 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 31 | 4   | 4   | 4   | 3   | 2   | 4   | 3   | 3   | 4   | 3   | 4   | 4   |
| 32 | 3   | 1   | 4   | 4   | 4   | 4   | 4   | 1   | 1   | 2   | 4   | 3   |
| 33 | 3   | 1   | 4   | 3   | 4   | 3   | 3   | 3   | 4   | 2   | 3   | 4   |
| 34 | 4   | 2   | 1   | 3   | 3   | 1   | 4   | 3   | 3   | 2   | 4   | 1   |
| 35 | 3   | 1   | 4   | 3   | 4   | 4   | 2   | 3   | 2   | 2   | 1   | 3   |
| 36 | 2   | 2   | 4   | 4   | 4   | 2   | 3   | 3   | 4   | 1   | 4   | 4   |
| 37 | 4   | 1   | 3   | 4   | 2   | 4   | 4   | 3   | 4   | 2   | 3   | 1   |
| 38 | 2   | 3   | 2   | 3   | 2   | 3   | 4   | 3   | 2   | 1   | 4   | 2   |
| 39 | 3   | 2   | 4   | 2   | 3   | 3   | 3   | 1   | 4   | 3   | 3   | 4   |
| 40 | 3   | 2   | 4   | 4   | 1   | 3   | 1   | 3   | 3   | 2   | 3   | 3   |
| 41 | 3   | 2   | 4   | 2   | 3   | 2   | 3   | 1   | 2   | 4   | 2   | 3   |
| 42 | 3   | 4   | 3   | 4   | 4   | 3   | 3   | 4   | 3   | 4   | 2   | 3   |
| 43 | 4   | 1   | 4   | 2   | 4   | 3   | 4   | 3   | 4   | 1   | 4   | 4   |
| 44 | 1   | 4   | 3   | 1   | 3   | 2   | 3   | 2   | 3   | 1   | 3   | 2   |
| 45 | 3   | 4   | 4   | 3   | 2   | 3   | 4   | 3   | 2   | 3   | 4   | 3   |
| 46 | 4   | 3   | 4   | 3   | 3   | 3   | 4   | 2   | 1   | 3   | 4   | 4   |
| 47 | 3   | 3   | 4   | 4   | 4   | 3   | 3   | 3   | 2   | 4   | 3   | 4   |
| 48 | 3   | 3   | 3   | 3   | 3   | 1   | 3   | 2   | 3   | 3   | 4   | 3   |
| 49 | 3   | 4   | 2   | 4   | 4   | 3   | 3   | 2   | 3   | 3   | 4   | 1   |
| 50 | 2   | 3   | 4   | 3   | 3   | 4   | 3   | 3   | 4   | 3   | 4   | 2   |
| 51 | 3   | 3   | 2   | 4   | 3   | 4   | 4   | 4   | 2   | 3   | 1   | 4   |
| 52 | 3   | 3   | 3   | 4   | 3   | 4   | 1   | 3   | 1   | 3   | 4   | 4   |
| 53 | 3   | 3   | 4   | 1   | 4   | 4   | 4   | 4   | 4   | 1   | 4   | 4   |
| 54 | 1   | 3   | 1   | 3   | 1   | 3   | 2   | 4   | 3   | 3   | 3   | 3   |
| 55 | 3   | 2   | 4   | 4   | 3   | 3   | 3   | 3   | 1   | 2   | 4   | 4   |
| 56 | 3   | 2   | 4   | 3   | 4   | 4   | 3   | 3   | 3   | 3   | 4   | 3   |
| 57 | 2   | 3   | 4   | 3   | 3   | 4   | 3   | 3   | 2   | 3   | 4   | 4   |
| 58 | 3   | 3   | 4   | 2   | 3   | 2   | 3   | 2   | 3   | 4   | 4   | 3   |
| 59 | 3   | 3   | 4   | 3   | 2   | 3   | 3   | 2   | 3   | 3   | 2   | 1   |
| 60 | 2   | 4   | 2   | 4   | 3   | 3   | 3   | 4   | 2   | 2   | 2   | 4   |



|    | y49 | y50 | y51 | y52 | y53 | y54 | y55 | y56 | y57 | y58 | y59 | y60 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 31 | 2   | 3   | .   | 3   | 3   | 1   | 4   | 4   | 4   | 1   | 3   | 2   |
| 32 | 4   | 4   | .   | 3   | 3   | 3   | 2   | 2   | 3   | 2   | 3   | 1   |
| 33 | 3   | 3   | .   | 3   | 3   | 1   | 2   | 4   | 3   | 3   | 2   | 1   |
| 34 | 4   | 3   | .   | 1   | 2   | 4   | 2   | 2   | 2   | 1   | 3   | 3   |
| 35 | 3   | 4   | .   | 3   | 3   | 3   | 1   | 4   | 3   | 3   | 4   | 4   |
| 36 | 4   | 4   | .   | 2   | 3   | 4   | 3   | 1   | 4   | 2   | 4   | 2   |
| 37 | 3   | 4   | .   | 4   | 4   | 1   | 2   | 2   | 4   | 2   | 4   | 3   |
| 38 | 1   | 4   | .   | 4   | 2   | 4   | 4   | 3   | 4   | 4   | 3   | 1   |
| 39 | 2   | 3   | .   | 3   | 3   | 3   | 2   | 1   | 3   | 3   | 2   | 3   |
| 40 | 4   | 4   | .   | 4   | 3   | 4   | 3   | 2   | 3   | 1   | 3   | 4   |
| 41 | 3   | 3   | .   | 1   | 2   | 3   | 2   | 4   | 3   | 4   | 3   | 4   |
| 42 | 1   | 4   | .   | 3   | 4   | 2   | 3   | 4   | 1   | 3   | 3   | 3   |
| 43 | 4   | 4   | .   | 2   | 3   | 4   | 4   | 1   | 4   | 2   | 4   | 4   |
| 44 | 3   | 2   | .   | 3   | 2   | 3   | 3   | 1   | 4   | 2   | 3   | 3   |
| 45 | 3   | 4   | .   | 3   | 1   | 4   | 2   | 4   | 3   | 4   | 4   | 4   |
| 46 | 4   | 4   | .   | 3   | 3   | 3   | 2   | 4   | 4   | 3   | 4   | 4   |
| 47 | 4   | 4   | .   | 3   | 4   | 2   | 3   | 3   | 4   | 3   | 4   | 2   |
| 48 | 4   | 3   | .   | 3   | 3   | 3   | 4   | 2   | 3   | 1   | 2   | 3   |
| 49 | 3   | 3   | .   | 3   | 4   | 3   | 3   | 4   | 2   | 3   | 4   | 2   |
| 50 | 4   | 2   | .   | 1   | 2   | 3   | 4   | 4   | 3   | 4   | 1   | 3   |
| 51 | 3   | 1   | .   | 2   | 3   | 3   | 3   | 2   | 4   | 3   | 4   | 3   |
| 52 | 2   | 4   | .   | 4   | 1   | 4   | 3   | 3   | 4   | 4   | 1   | 3   |
| 53 | 4   | 3   | .   | 4   | 2   | 3   | 4   | 2   | 4   | 3   | 4   | 4   |
| 54 | 3   | 3   | .   | 1   | 3   | 3   | 4   | 4   | 1   | 3   | 2   | 1   |
| 55 | 3   | 1   | .   | 4   | 3   | 3   | 2   | 1   | 4   | 3   | 4   | 3   |
| 56 | 3   | 2   | .   | 3   | 4   | 1   | 3   | 2   | 2   | 3   | 3   | 3   |
| 57 | 2   | 4   | .   | 4   | 1   | 2   | 3   | 3   | 3   | 4   | 1   | 4   |
| 58 | 4   | 1   | .   | 3   | 3   | 3   | 1   | 4   | 3   | 3   | 3   | 2   |
| 59 | 4   | 3   | .   | 3   | 2   | 2   | 3   | 3   | 3   | 2   | 3   | 3   |
| 60 | 3   | 3   | .   | 3   | 3   | 4   | 2   | 3   | 3   | 4   | 2   | 4   |

|    | km  | tt       |
|----|-----|----------|
| 31 | 176 | Keluarga |
| 32 | 152 | Keluarga |
| 33 | 167 | Keluarga |
| 34 | 153 | Keluarga |
| 35 | 165 | Keluarga |
| 36 | 170 | Keluarga |
| 37 | 159 | Keluarga |
| 38 | 170 | Keluarga |
| 39 | 149 | Keluarga |
| 40 | 169 | Keluarga |
| 41 | 154 | Keluarga |
| 42 | 179 | Keluarga |
| 43 | 182 | Keluarga |
| 44 | 154 | Keluarga |
| 45 | 177 | Keluarga |
| 46 | 184 | Keluarga |
| 47 | 184 | Keluarga |
| 48 | 164 | Keluarga |
| 49 | 170 | Keluarga |
| 50 | 156 | Keluarga |
| 51 | 174 | Keluarga |
| 52 | 175 | Keluarga |
| 53 | 183 | Keluarga |
| 54 | 134 | Keluarga |
| 55 | 167 | Keluarga |
| 56 | 174 | Keluarga |
| 57 | 167 | Keluarga |
| 58 | 156 | Keluarga |
| 59 | 159 | Keluarga |
| 60 | 162 | Keluarga |

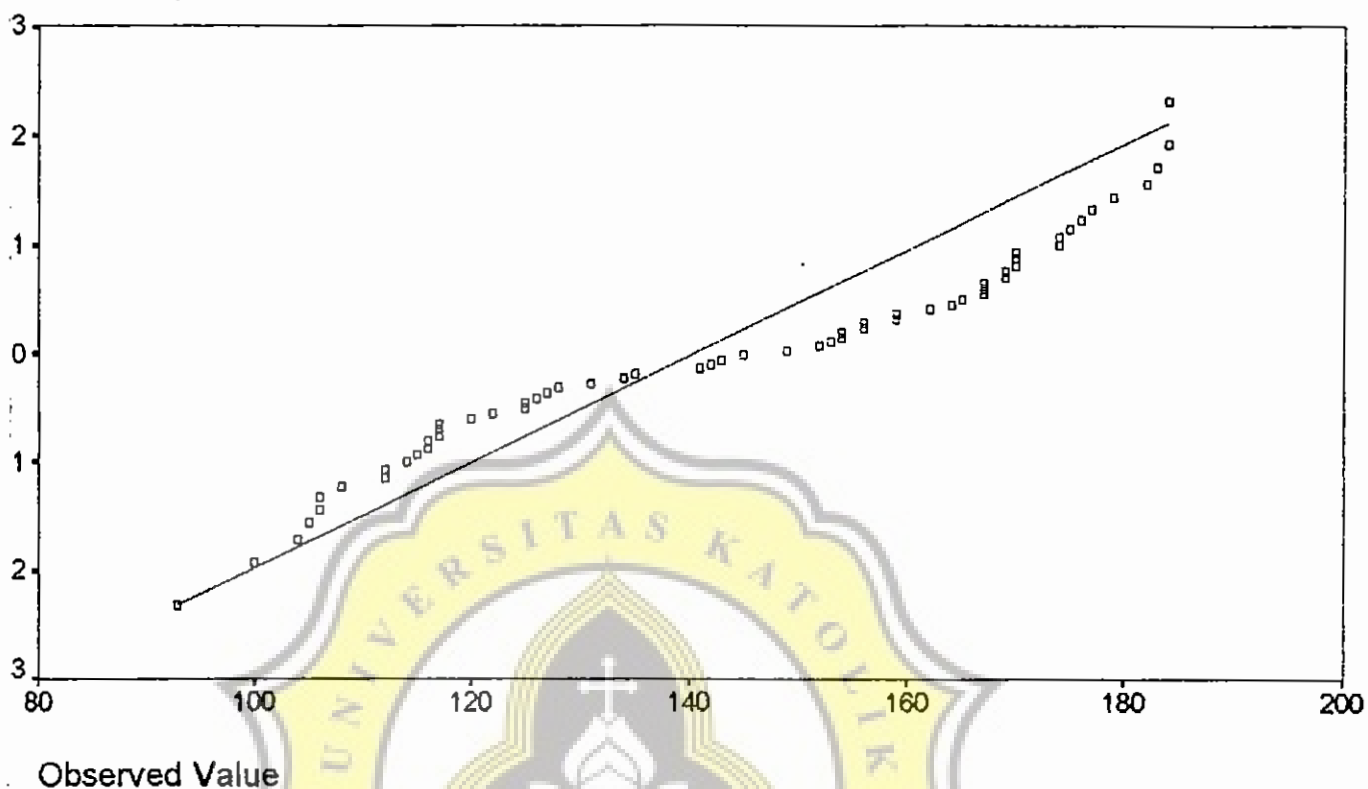




**LAMPIRAN E**

*Uji Normalitas*

Normal Q-Q Plot of Kemandirian Dalam Memecahkan Masalah



Jan 99 SPSS for MS WINDOWS Release 6.0

--- Kolmogorov - Smirnov Goodness of Fit Test

KM KEMANDIRIAN DALAM MEMECAHKAN MASALAH

Test distribution - Normal

Mean: 143.70

Standard Deviation: 26.62

Cases: 60

Most extreme differences

| Absolute | Positive | Negative | K-S Z | 2-Tailed P |
|----------|----------|----------|-------|------------|
| .11051   | .10877   | -.11051  | .8560 | .4563      |



**LAMPIRAN F**

*Uji Homogenitas dan Uji Hipotesis*

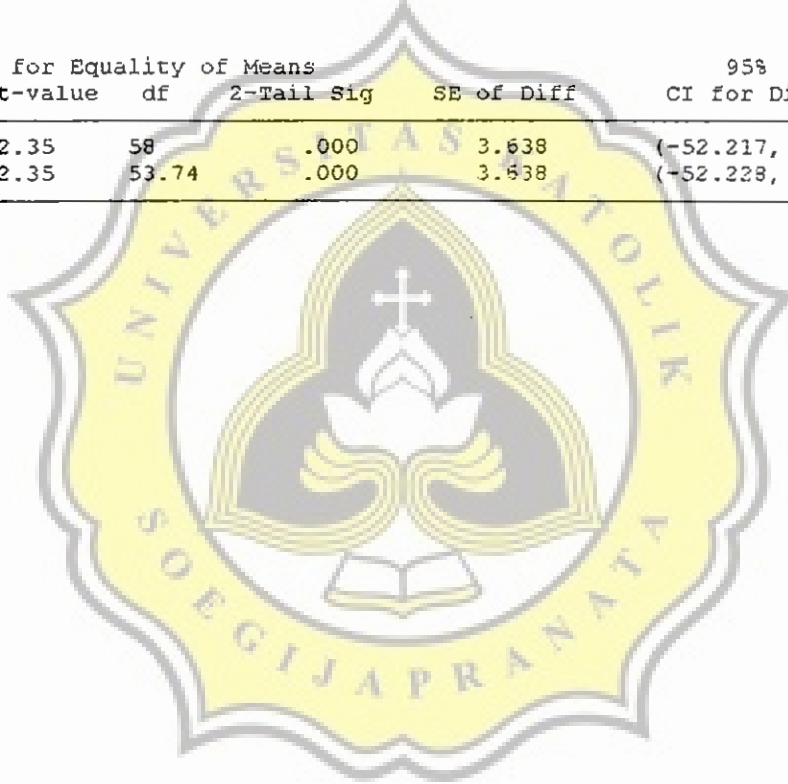
15 Jan 99 SPSS for MS WINDOWS Release 6.0  
 t-tests for independent samples of TT Tempat Tinggal

| Variable                                 | Number<br>of Cases | Mean     | SD     | SE of Mean |
|--|--------------------|----------|--------|------------|
| KMD kemandirian dalam memecahkan masalah |                    |          |        |            |
| Panti Asuhan                             | 30                 | 121.2333 | 15.950 | 2.912      |
| Keluarga                                 | 30                 | 166.1667 | 11.943 | 2.180      |

Mean Difference = -44.9333

Levene's Test for Equality of Variances: F= 1.419 P= .238

| t-test for Equality of Means |         |       |            |            | 95%                |
|------------------------------|---------|-------|------------|------------|--------------------|
| Variances                    | t-value | df    | 2-Tail Sig | SE of Diff | CI for Diff        |
| Equal                        | -12.35  | 58    | .000       | 3.638      | (-52.217, -37.650) |
| Unequal                      | -12.35  | 53.74 | .000       | 3.638      | (-52.228, -37.638) |





**LAMPIRAN G**  
***Surat Keterangan Penelitian***



# FAKULTAS PSIKOLOGI UNIVERSITAS KATOLIK SOEGIJAPRANATA

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Badan Hukum : Yayasan Sandjojo

Nomor : B.2.01/623/UKS.07/XII/1998

3 Desember 1998

Lamp. : -

Hal : Penelitian

Kepada : Yth. Bpk./ Ibu Pimpinan  
Panti Asuhan Baytesda  
di-

Tempat

Dengan hormat, kami mohon bantuan Bapak / Ibu, dapat memberikan ijin Penelitian kepada mahasiswi :

Nama : Lisa Kristiana Suhartono  
NIM / NIRM : 94.40.1689 / 94.6.111.08000.50031  
Tempat / Tgl.Lahir : Blora, 12 Oktober 1976  
Alamat : Jl. Sumodarsono No. 10  
Blora

untuk mengadakan Penelitian di Panti Asuhan Baytesda, dalam rangka penyusunan Skripsi Tingkat Sarjana dengan Judul “Perbedaan Kemandirian dalam memecahkan masalah antara Remaja yang tinggal di Panti Asuhan dengan Remaja yang tinggal bersama Keluarga”.

Demikian atas bantuan serta kerja sama Bapak / Ibu, kami mengucapkan terima kasih.



Dekan,

Drs. ML. Oetomo





# FAKULTAS PSIKOLOGI UNIVERSITAS KATOLIK SOEGIJAPRANATA

Jl. Pawiyatan Luhur IV/1 Bendan Duwur Semarang - 50234

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Fax. (024) 415429 E-Mail : unika@semarang.wasantara.net.id Po. Box. 8033/SM

Badan Hukum : Yayasan Sandjojo

N o m o r : B.2.01/624/UKS.07/XII/1998  
Lamp. : -  
H a l : Penelitian

3 Desember 1998

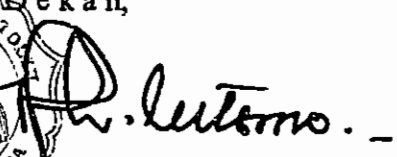
Kepada : Yth. Bpk./ Ibu Pimpinan  
Panti Asuhan Muhammadiyah  
di-  
Tempat

Dengan hormat, kami mohon bantuan Bapak / Ibu, dapat memberikan ijin Penelitian kepada mahasiswi :

N a m a : Lisa Kristiana Suhartono  
NIM / NIRM : 94.40.1689 / 94.6.111.08000.50031  
Tempat / Tgl.Lahir : Blora, 12 Oktober 1976  
A l a m a t : Jl. Sumodarsono No. 10  
Blora

untuk mengadakan Penelitian di Panti Asuhan Muhammadiyah dalam rangka penyusunan Skripsi Tingkat Sarjana dengan Judul " **Perbedaan Kemandirian dalam memecahkan masalah antara Remaja yang tinggal di Panti Asuhan dengan Remaja yang tinggal bersama Keluarga** ".

Demikian atas bantuan serta kerja sama Bapak / Ibu, kami mengucapkan terima kasih.

Dekan,  
  
Drs. M.L. Octomo  
FAKULTAS PSIKOLOGI

**YAYASAN SOSIAL " BAYTESDA "**

Akta Notaris No.16 Tanggal 7 Nopember 1992

**PANTI ASUHAN BAYTESDA**

Terdaftar di Kanwil Depsos Dati I Jawa Tengah No.410/Orsos/98

Alamat : Jl. Gunung Lawu No.91A Telp. (0296) 32064 Blora Kode Pos 58211 Ja-Teng

r: 09/YB/XII/98

: -

: Keterangan

Kepada Yth,  
Bapak DEKAN FAKULTAS PSIKOLOGI  
Universitas Katolik Soegiyapranata  
Di S E M A R A N G

Salam sejahtera

Menerangkan dengan sesungguhnya bahwa yang tersebut dibawah ini :

N a m a : LISA KRISTIANA S.  
N i m : 94-40-1689  
N i r m : 94-6-111-08000-50031  
A l a m a t : Jl. Sumodarsono No.10 BLORA

Nama tersebut telah melakukan penelitian di Panti Asuhan Baytesda pada tanggal 19 Desember 1998 guna keperluan skripsi. Keterangan ini kami buat dengan sebenarnya untuk dipergunakan seperlunya. Tuhan memberkati, Amin.

Blora 19 Desember 1998

PANTI ASUHAN BAYTESDA

Pdt. Yulius S., S.Th.

Ketua



PANTI ASUHAN YATIM (PAY) MUHAMMADIYAH CAB. BLORA  
JL. REKSODIPUTRO NO.17 TLP.31743 BLORA.

---

Nomor : D-2/059/PKS/C/I-'99.  
Lamp. : -  
H a l : Surat Keterangan.

Kepada Yth,

Bapak DEKAN FAKULTAS PSIKOLOGI  
Universitas Katolik Soegijapranata  
di Semarang

Dengan surat ini kami menerangkan bahwa nama di bawah ini :

N a m a : Lisa Kristiana S


N i m : 94.40.1689

N i r m : 94.6.111.08000.50031

A l a m a t : Jl. Sumodarsono 10 Blora

Nama tersebut telah melakukan penelitian di Panti Asuhan Muhammadiyah, pada tanggal 25 Desember 1998 guna keperluan skripsi. Keterangan ini, kami buat untuk dipergunakan seperlunya.

Blora, 2 Januari 1999

 Panti Asuhan Muhammadiyah  
Abdullah

RT 01 / RW 01 KELURAHAN MLANGSEN  
KECAMATAN KOTA BLORA DAERAH TINGKAT II BLORA

: Keterangan

30 Desember 1998

da : Yth. Bapak Dekan Fakultas Psikologi  
Universitas Katolik Soegijapranata  
di  
S E M A R A N G

Melalui surat ini kami menerangkan bahwa :

Nama : Lisa Kristiana S  
Nim : 94.40.1689  
Nirm : 94.6.111.08000.50031  
Alamat : Jl. Sumodarsono 10 Blora

Nama tersebut telah melakukan penelitian di RT 01 / RW 01  
Kelurahan Mlangsen pada tanggal 15 - 29 Desember 1998 un-  
tuk keperluan skripsi. Keterangan ini kami buat dengan se-  
sungguhnya.

Ketua RT 01/RW 01

