



LEARNING TOGETHER

ADVICE AND INSTRUCTIONS ON COMPLETING THESE TESTS

1. There are 75 questions in each test. Make sure you have not missed a page.
2. Start at question 1 and work your way to question 75.
3. If you are unable to complete a question leave it and go to the next one.
4. Do not think about the question you have just left as this wastes time.
5. If you change an answer make sure the change is clear.
6. Each test should take approximately 40 minutes.
7. When you have finished each test mark it with an adult.
8. An adult or parent may be able to explain any questions you do not understand.

TEST 01

SCORE _____

Which is the odd one out in this group of shapes? Circle one letter each time.
Look at this example.



A



B

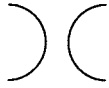


C

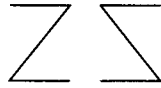


D

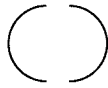
12



A



B



C



D

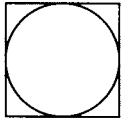


E

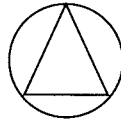


F

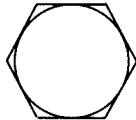
13



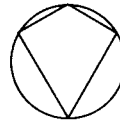
A



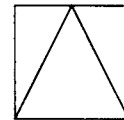
B



C



D

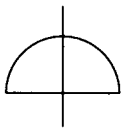


E

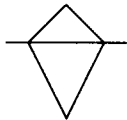


F

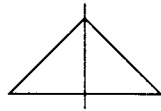
14



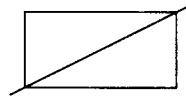
A



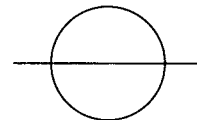
B



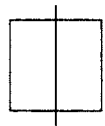
C



D



E



F

15



A



B



C



D



E



F

16



A



B



C



D



E



F

17



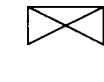
A



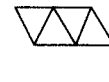
B



C



D



E



F

18



A



B



C



D

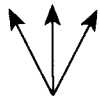


E

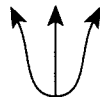


F

19



A



B



C



D



E

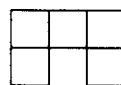


F

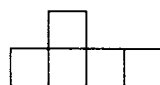
20



A



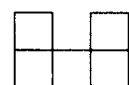
B



C



D



E



F

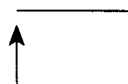
21



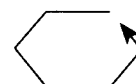
A



B



C



D



E



F

Which shape is the same but facing the opposite direction?

Look at this example:



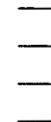
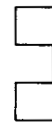
A

B

C

D

1



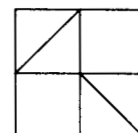
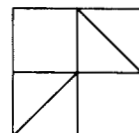
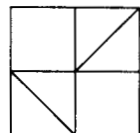
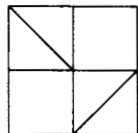
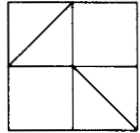
A

B

C

D

2



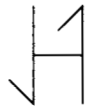
A

B

C

D

3



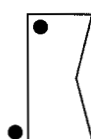
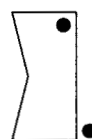
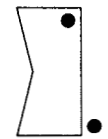
A

B

C

D

4



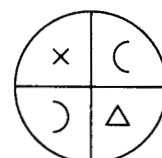
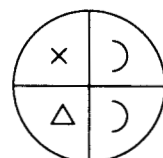
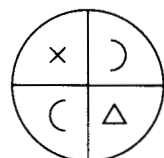
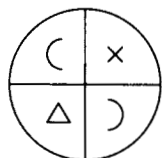
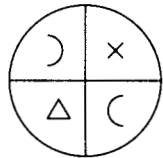
A

B

C

D

5



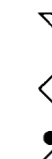
A

B

C

D

6



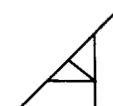
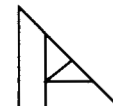
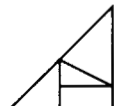
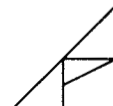
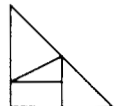
A

B

C

D

7



A

B

C

D

8



A

B

C

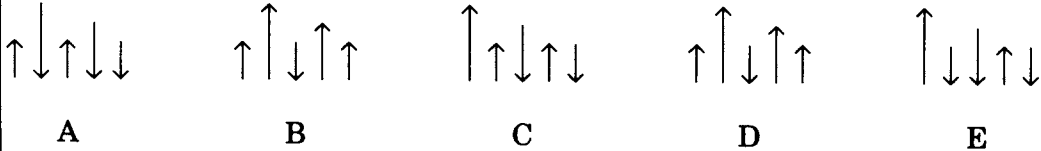
D

TEST 04

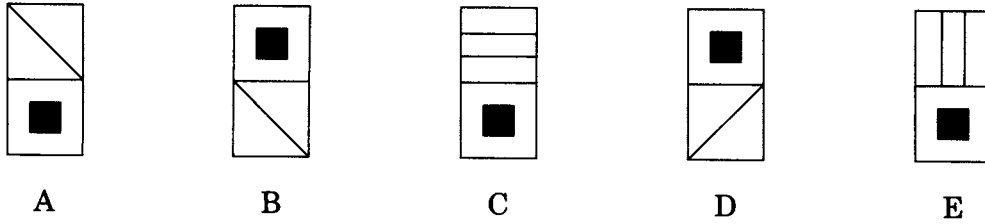
SCORE _____

Which two are exactly the same? Circle two letters each time.

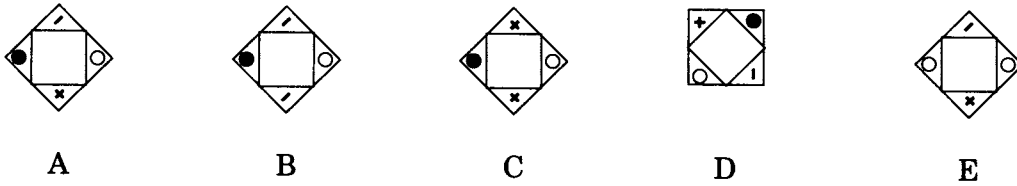
30



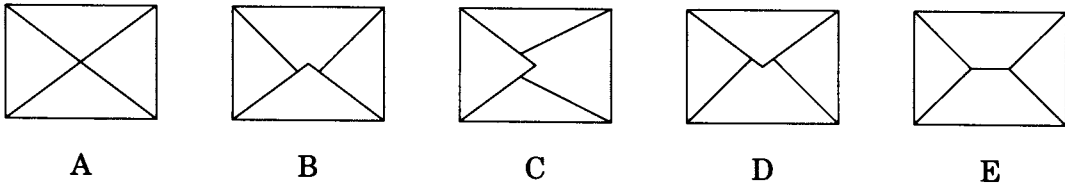
31



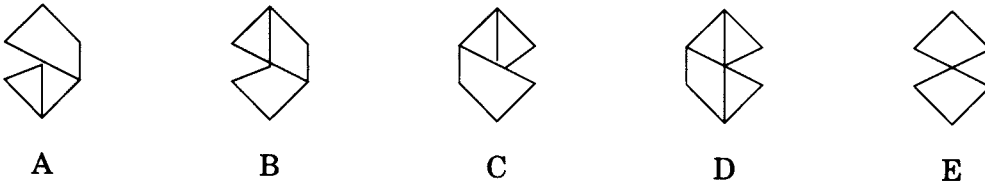
32



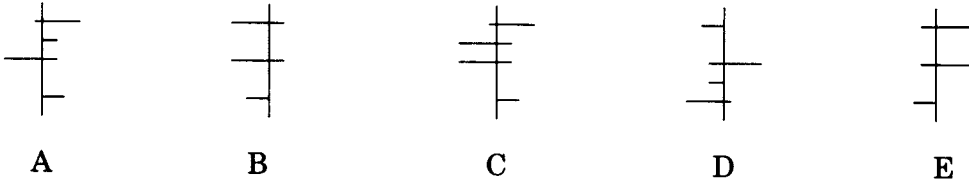
33



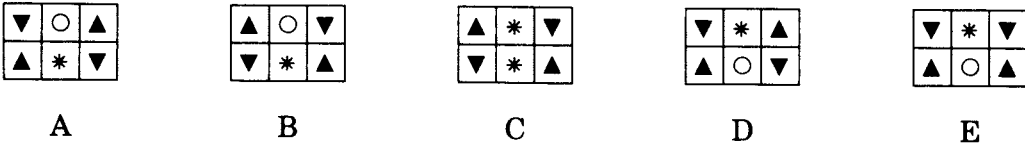
34



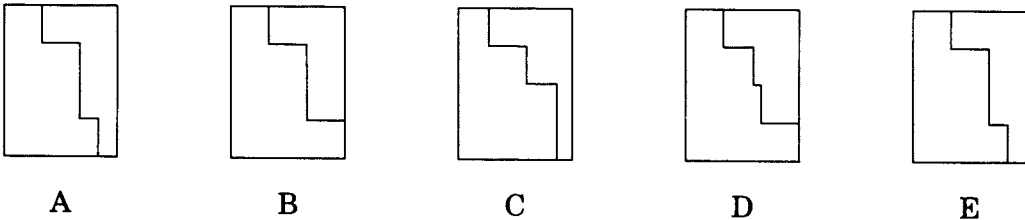
35



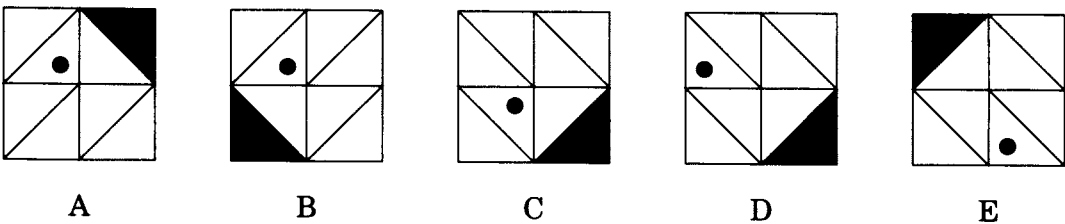
36



37



38

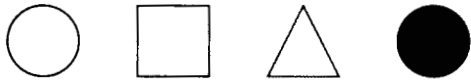


TEST 05

SCORE _____

What comes next in this series? Circle one letter each time.

Look at this example.



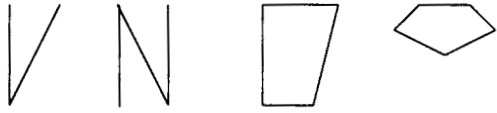
A

B

C

D

9



A

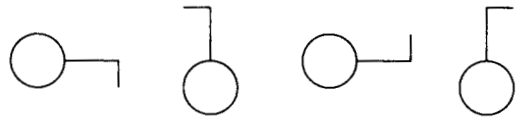
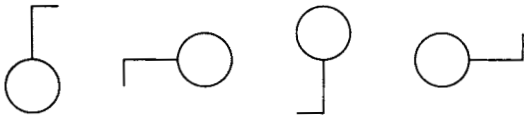
B

C

D

E

10



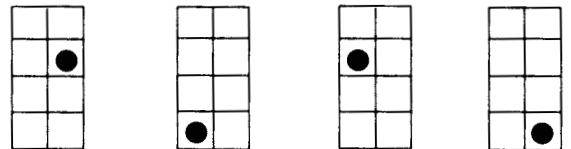
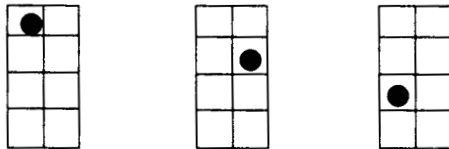
A

B

C

D

11



A

B

C

D

12



A

B

C

D

E

F

13



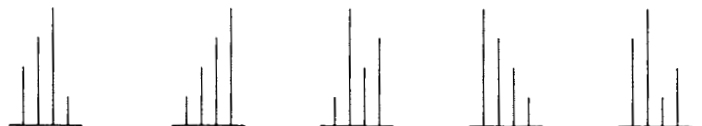
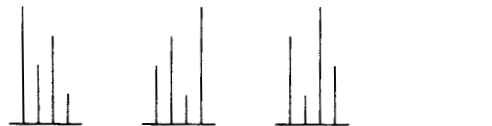
A

B

C

D

14



A

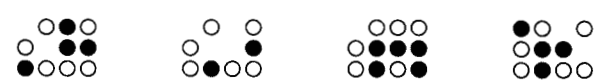
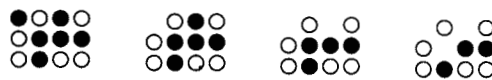
B

C

D

E

15



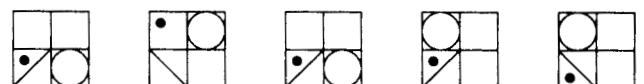
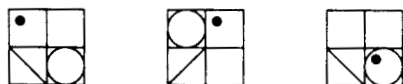
A

B

C

D

16



A

B

C

D

E

ANSWER TO TEST 01

1. C and E
 2. B and D
 3. A and D
 4. A and E
 5. B and D
 6. $\frac{2}{3}$
 7. $\frac{3}{8}$
 8. $\frac{1}{2}$
 9. $\frac{4}{7}$
 10. $\frac{5}{9}$
 11. $\frac{3}{8}$
 12. E
 13. E
 14. B
 15. C
 16. D
 17. D
 18. F
 19. D
 20. E
 21. C
 22. C
 23. B
 24. A
 25. C
 26. E
 27. B
 28. D
 29. D
 30. C
 31. D
 32. B
 33. E
 34. D
 35. 3
 36. 10
 37. 5
 38. 31



A child who has not previously attempted questions of this type may have difficulty with the first few tests. However, research shows that a child's ability to handle and understand these questions generally increases with practice.

ANSWERS TO TEST 02

1. C
 2. B
 3. D
 4. C
 5. B
 6. D
 7. B
 8. D
 9. C
 10. D
 11. A
 12. B
 13. $\frac{1}{4}$
 14. $\frac{2}{5}$
 15. $\frac{1}{4}$
 16. $\frac{1}{3}$
 17. $\frac{5}{8}$
 18. $\frac{3}{8}$
 19. D
 20. A
 21. C
 22. B
 23. D
 24. B
 25. C
 26. C
 27. D
 28. C
 29. C
 30. D
 31. B
 32. E
 33. E
 34. 6
 35. 17
 36. 11
 37. 29
 38. 3
39. 20
 40. 5
 41. 23
 42. 22
 43. 4
 44. 3
 45. 2
 46. A
 47. D
 48. A
 49. D
 50. B
 51. C
 52. D
 53. B
 54. B
 55. D
 56. D
 57. A
 58. D
 59. B
 60. C
 61. A
 62. C
 63. A
 64. D
 65. C
 66. B and E
 67. C and F
 68. A and E
 69. A and C
 70. B and F
 71. C and E
 72. 48
 73. 21
 74. 49
 75. 13



ANSWERS TO TEST 03

- 1. C
- 2. C
- 3. C
- 4. D
- 5. D
- 6. D
- 7. B
- 8. C
- 9. B
- 10. B
- 11. C
- 12. B
- 13. C
- 14. B
- 15. C
- 16. E
- 17. E
- 18. D
- 19. D
- 20. C
- 21. D
- 22. C
- 23. C
- 24. D
- 25. 10
- 26. 9
- 27. 11
- 28. D
- 29. B
- 30. B
- 31. C
- 32. B
- 33. C
- 34. C
- 35. E
- 36. D
- 37. C
- 38. C
- 39. C
- 40. D
- 41. A
- 42. C
- 43. B
- 44. A
- 45. D
- 46. B
- 47. D
- 48. D
- 49. C
- 50. B
- 51. C
- 52. B
- 53. 1/2
- 54. 3/8
- 55. 5/8
- 56. 1/4
- 57. 1/6
- 58. 1/4
- 59. 9
- 60. 6
- 61. 16
- 62. 3
- 63. 10
- 64. 9
- 65. 11
- 66. 9
- 67. 8
- 68. 4
- 69. 0
- 70. 9
- 71. 1
- 72. 36
- 73. 32
- 74. 25
- 75. 5

ANSWERS TO TEST 04

- 1. D
- 2. C
- 3. E
- 4. C
- 5. D
- 6. B
- 7. 15
- 8. 11
- 9. 14
- 10. C
- 11. B
- 12. C
- 13. C
- 14. D
- 15. D
- 16. A
- 17. B
- 18. C
- 19. C
- 20. B
- 21. B
- 22. D
- 23. C
- 24. C
- 25. A
- 26. C
- 27. A
- 28. B
- 29. C
- 30. B and D
- 31. A and B
- 32. A and D
- 33. B and D
- 34. A and C
- 35. A and D
- 36. B and D
- 37. A and E
- 38. B and C
- 39. C
- 40. A
- 41. B
- 42. D
- 43. B
- 44. 31
- 45. 20
- 46. 19
- 47. 60
- 48. D
- 49. A
- 50. A
- 51. A
- 52. D
- 53. B
- 54. B
- 55. C
- 56. 1/4
- 57. 1/5
- 58. 4/9
- 59. 1/3
- 60. 4/5
- 61. 1/2
- 62. 1/3
- 63. 1/3
- 64. 17
- 65. 5
- 66. 4
- 67. 7
- 68. 14
- 69. 6
- 70. 2
- 71. 9
- 72. 1
- 73. 2
- 74. 5
- 75. 4

ANSWER TO TEST 05

- 1. C
- 2. D
- 3. C
- 4. B
- 5. B
- 6. B
- 7. D
- 8. C
- 9. B
- 10. D
- 11. D
- 12. C
- 13. C
- 14. C
- 15. B
- 16. D
- 17. 1/2
- 18. 3/7
- 19. 1/3
- 20. 1/3
- 21. 2/3
- 22. 3/4
- 23. B
- 24. A
- 25. D
- 26. C
- 27. A
- 28. C
- 29. D
- 30. B
- 31. D
- 32. B
- 33. C
- 34. 36
- 35. 48
- 36. 14
- 37. C and E
- 38. B and E
- 39. A and D
- 40. D and E
- 41. B and D
- 42. A and D
- 43. E
- 44. A
- 45. D
- 46. C
- 47. B
- 48. D
- 49. D
- 50. A
- 51. B
- 52. D
- 53. C
- 54. D
- 55. C
- 56. D
- 57. E
- 58. B
- 59. 36
- 60. 16
- 61. 275
- 62. 6
- 63. 23
- 64. 25
- 65. 5
- 66. 3
- 67. 18
- 68. 72
- 69. 40
- 70. 4
- 71. 7
- 72. 5
- 73. 4
- 74. 7
- 75. 4