

※ You will receive 1.5 points for each correct answer for problems 1 to 30.

1. Calculate the answer.

$$\begin{array}{r} 63 \\ + 54 \\ \hline \end{array}$$

- Ⓐ 107
- Ⓑ 116
- Ⓒ 117
- Ⓓ 126
- Ⓔ 127

2. Calculate the answer.

$$\begin{array}{r} 78 \\ + 67 \\ \hline \end{array}$$

- Ⓐ 135
- Ⓑ 145
- Ⓒ 146
- Ⓓ 155
- Ⓔ 156

3. Calculate the answer.

$$\begin{array}{r} 279 \\ + 43 \\ \hline \end{array}$$

- Ⓐ 311
- Ⓑ 312
- Ⓒ 321
- Ⓓ 322
- Ⓔ 332

4. Calculate the answer.

$$\begin{array}{r} 536 \\ + 141 \\ \hline \end{array}$$

- Ⓐ 677
- Ⓑ 678
- Ⓒ 679
- Ⓓ 687
- Ⓔ 688

5. Calculate the answer.

$$\begin{array}{r} 315 \\ + 672 \\ \hline \end{array}$$

- Ⓐ 975
- Ⓑ 977
- Ⓒ 985
- Ⓓ 987
- Ⓔ 989

6. Calculate the answer.

$$\begin{array}{r} 437 \\ + 884 \\ \hline \end{array}$$

- Ⓐ 1291
- Ⓑ 1301
- Ⓒ 1311
- Ⓓ 1321
- Ⓔ 1331

7. Calculate the answer.

$$\begin{array}{r} 71 \\ - 7 \\ \hline \end{array}$$

- Ⓐ 63
- Ⓑ 64
- Ⓒ 65
- Ⓓ 66
- Ⓔ 67

8. Calculate the answer.

$$\begin{array}{r} 43 \\ - 26 \\ \hline \end{array}$$

- Ⓐ 15
- Ⓑ 16
- Ⓒ 17
- Ⓓ 18
- Ⓔ 19

9. Calculate the answer.

$$\begin{array}{r} 74 \\ - 39 \\ \hline \end{array}$$

- Ⓐ 31
- Ⓑ 32
- Ⓒ 33
- Ⓓ 34
- Ⓔ 35

10. Calculate the answer.

$$\begin{array}{r} 91 \\ - 73 \\ \hline \end{array}$$

- Ⓐ 16
- Ⓑ 17
- Ⓒ 18
- Ⓓ 19
- Ⓔ 20

11. Calculate the answer.

$$15 - 7 - 4 =$$

- Ⓐ 2
- Ⓑ 3
- Ⓒ 4
- Ⓓ 5
- Ⓔ 6

12. Calculate the answer.

$$42 - 6 - 8 =$$

- Ⓐ 28
- Ⓑ 30
- Ⓒ 32
- Ⓓ 34
- Ⓔ 36

13. Calculate the answer.

$$57 + 37 - 29 =$$

- Ⓐ 64
- Ⓑ 65
- Ⓒ 66
- Ⓓ 67
- Ⓔ 68

14. Calculate the answer.

$$82 - 5 - 38 =$$

- Ⓐ 39
- Ⓑ 40
- Ⓒ 41
- Ⓓ 42
- Ⓔ 43

15. Calculate the answer.

$$\begin{array}{r} 668 \\ - 245 \\ \hline \end{array}$$

- Ⓐ 419
- Ⓑ 420
- Ⓒ 421
- Ⓓ 422
- Ⓔ 423

16. Calculate the answer.

$$\begin{array}{r} 642 \\ - 119 \\ \hline \end{array}$$

- Ⓐ 521
- Ⓑ 523
- Ⓒ 525
- Ⓓ 527
- Ⓔ 529

17. Calculate the answer.

$$\begin{array}{r} 526 \\ - 367 \\ \hline \end{array}$$

- Ⓐ 157
- Ⓑ 158
- Ⓒ 159
- Ⓓ 160
- Ⓔ 161

18. Calculate the answer.

$$\begin{array}{r} 731 \\ - 438 \\ \hline \end{array}$$

- Ⓐ 287
- Ⓑ 289
- Ⓒ 291
- Ⓓ 293
- Ⓔ 295

19. Calculate the answer.

$$\begin{array}{r} 9\ 5\ 0\ 3 \\ -\ 5\ 7\ 7\ 6 \\ \hline \end{array}$$

- Ⓐ 3713
- Ⓑ 3717
- Ⓒ 3719
- Ⓓ 3723
- Ⓔ 3727

20. Calculate the answer.

$$\begin{array}{r} 3\ 4 \\ \times\ 8 \\ \hline \end{array}$$

- Ⓐ 252
- Ⓑ 262
- Ⓒ 272
- Ⓓ 282
- Ⓔ 292

21. Calculate the answer.

$$\begin{array}{r} 5\ 7 \\ \times\ 5 \\ \hline \end{array}$$

- Ⓐ 275
- Ⓑ 280
- Ⓒ 285
- Ⓓ 290
- Ⓔ 295

22. Calculate the answer.

$$\begin{array}{r} 6\ 3 \\ \times\ 7 \\ \hline \end{array}$$

- Ⓐ 421
- Ⓑ 426
- Ⓒ 431
- Ⓓ 436
- Ⓔ 441

23. Calculate the answer.

$$\begin{array}{r} 9\ 6 \\ \times\ 4 \\ \hline \end{array}$$

- Ⓐ 384
- Ⓑ 385
- Ⓒ 386
- Ⓓ 387
- Ⓔ 388

24. Calculate the answer.

$$\begin{array}{r} 3\ 6\ 8 \\ \times\ 7 \\ \hline \end{array}$$

- Ⓐ 2566
- Ⓑ 2568
- Ⓒ 2574
- Ⓓ 2576
- Ⓔ 2578

25. Calculate the answer.

$$\begin{array}{r} 43 \\ \times 38 \\ \hline \end{array}$$

- Ⓐ 1634
- Ⓑ 1638
- Ⓒ 1644
- Ⓓ 1648
- Ⓔ 1654

26. Calculate the answer.

$$\begin{array}{r} 514 \\ \times 49 \\ \hline \end{array}$$

- Ⓐ 25168
- Ⓑ 25176
- Ⓒ 25178
- Ⓓ 25186
- Ⓔ 25188

27. Calculate the answer.

$$47 \div 6 =$$

- Ⓐ 6 3
- Ⓑ 6 5
- Ⓒ 7 1
- Ⓓ 7 3
- Ⓔ 7 5

28. Calculate the answer.

$$9 \overline{) 74}$$

- Ⓐ 8 2
- Ⓑ 8 3
- Ⓒ 8 4
- Ⓓ 9 1
- Ⓔ 9 2

29. Calculate the answer.

$$43 \overline{) 278}$$

- Ⓐ 6 19
- Ⓑ 6 20
- Ⓒ 6 21
- Ⓓ 7 19
- Ⓔ 7 20

30. Calculate the answer.

$$27 \overline{) 862}$$

- Ⓐ 30 22
- Ⓑ 30 23
- Ⓒ 31 23
- Ⓓ 31 24
- Ⓔ 31 25

※ You will receive 2.0 points for each correct answer for problems 31 to 40.

- 31.** There were 19 sparrows on a branch and 7 flew away. How many sparrows are left on the branch?

_____ sparrows

- 32.** There are 36 black stones and 29 white stones on a board. How many stones are there on the board?

_____ stones

- 33.** Sofia is visiting her grandmother who lives far away. Her house is 93km from Sofia's house. On the way to her grandmother's house, there is a gas station 46km away from Sofia's house. How far is it from the gas station to her grandmother's house?

_____ km

- 34.** Angela and Brandon went fishing. Angela caught 35 fish and Brandon caught 68 fish. How many fish did Angela and Brandon catch in total?

_____ fish

- 35.** There are 158 adults and 73 children at the zoo. How many people are there in total?

_____ people

- 36.** There is an elementary school where 368 boys and 389 girls attend. How many students are there in this elementary school?

_____ students

- 37.** Violet was bowling with Ryan. Violet scored 187 points and Ryan scored 214 points. How many more points did Ryan score than Violet?

_____ points

- 38.** Serena is 8 years old, and her mother's age is 4 times Serena's age. How old is Serena's mother?

_____ years old

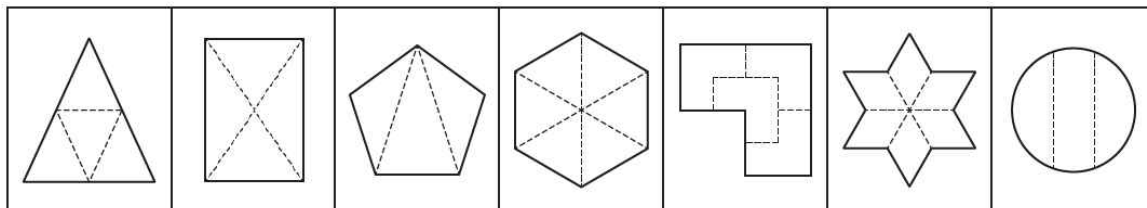
- 39.** Two water bottles each containing 62L of water were poured into a water tank. How many liters of water are in the tank?

_____ L

- 40.** There is a robot that can move 48m per minute. If the robot moves at the same speed for 16 minutes, how many meters will it move?

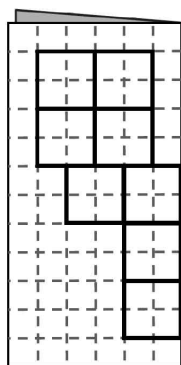
_____ m

- 41.** When we cut along the dotted lines in the given figures, how many figures are divided into identical shapes of the same size?
[2.3 points]



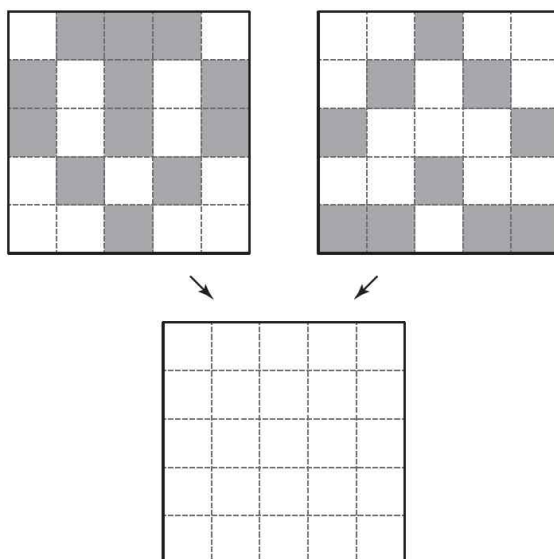
Answer : _____

- 42.** Below is a piece of paper that is folded in half. The pattern on the paper is symmetrical for the left and right. When you open this paper, how many square shapes are there in total? [3.3 points]



Answer : _____

- 43.** Combine the two figures on top to make a new figure below.
How many squares are colored in the new figure? [3.3 points]



Answer : _____

- 44.** The pattern is continued by adding the same number each time.
What is the number at A? [3.3 points]



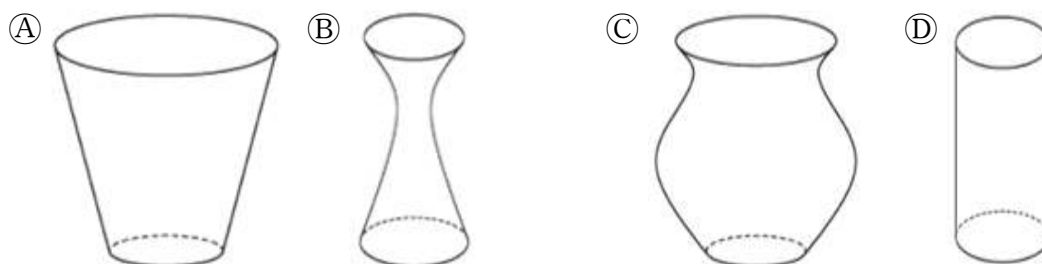
Answer : _____

45. Find the pattern of the paired numbers. What is the missing number in the blank? [4.3 points]

A	B
2	9
3	10
4	11
8	

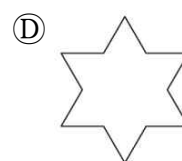
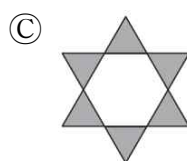
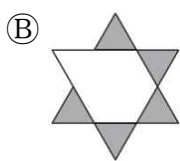
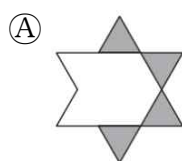
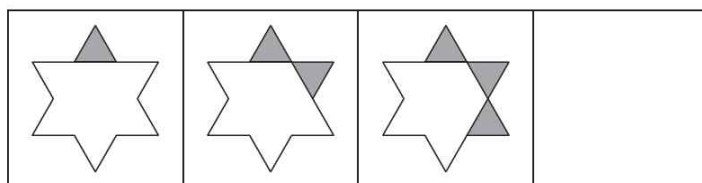
Answer : _____

46. The following four containers have the same height and the same base size. If you pour the same amount of water into each container, which will be filled first? [3.3 points]



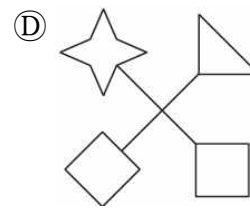
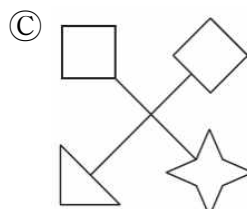
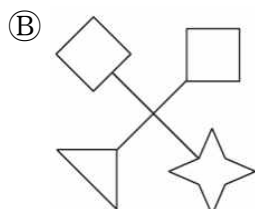
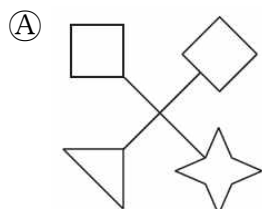
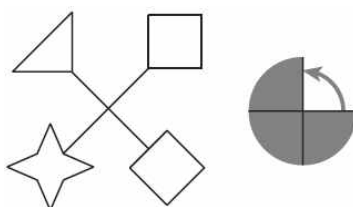
Answer : _____

47. Look at the pattern of the figures and determine the figure that belongs in the blank space. [2.3 points]



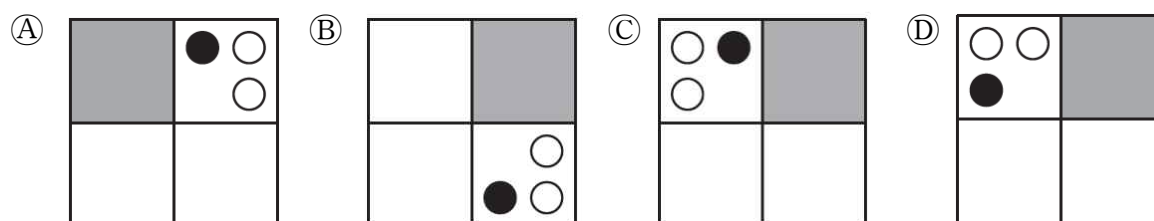
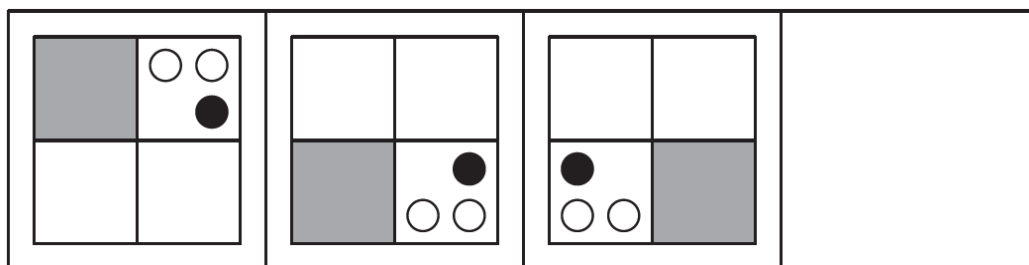
Answer : _____

48. If we turn the given figure in the direction of the arrow, which figure will we get? [4.3 points]



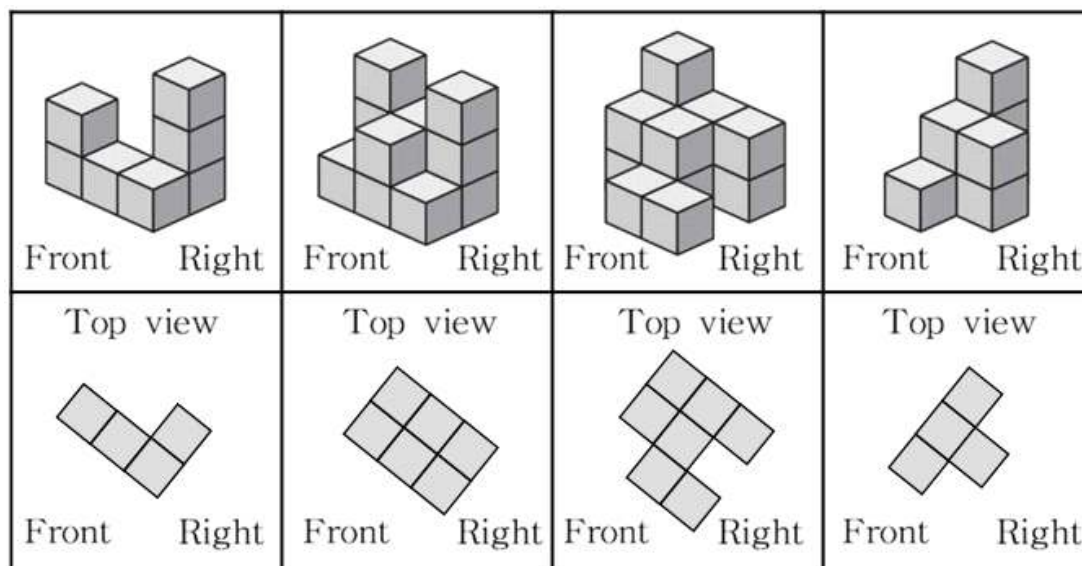
Answer : _____

49. Look at the pattern of the figures below. Which figure belongs in the fourth box? [4.3 points]



Answer : _____

50. Look at each group of blocks below. Find the most and the least number of blocks. Then, find the difference between those two numbers. [4.3 points]



- Ⓐ 1 Ⓑ 4 Ⓒ 5 Ⓓ 6

Answer : _____