

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

1. Calculate the answer.

$$18 + 5 =$$

- Ⓐ 21
- Ⓑ 22
- Ⓒ 23
- Ⓓ 24
- Ⓔ 25

2. Calculate the answer.

$$5 + 8 + 4 =$$

- Ⓐ 14
- Ⓑ 15
- Ⓒ 16
- Ⓓ 17
- Ⓔ 18

3. Calculate the answer.

$$14 - 7 =$$

- Ⓐ 5
- Ⓑ 6
- Ⓒ 7
- Ⓓ 8
- Ⓔ 9

4. Calculate the answer.

$$13 - 9 =$$

- Ⓐ 3
- Ⓑ 4
- Ⓒ 5
- Ⓓ 6
- Ⓔ 7

5. Calculate the answer.

$$15 - 6 =$$

- Ⓐ 5
- Ⓑ 6
- Ⓒ 7
- Ⓓ 8
- Ⓔ 9

6. Calculate the answer.

$$17 - 9 =$$

- Ⓐ 9
- Ⓑ 8
- Ⓒ 7
- Ⓓ 6
- Ⓔ 5

7. Calculate the answer.

$$23 - 6 =$$

- Ⓐ 17
- Ⓑ 16
- Ⓒ 15
- Ⓓ 14
- Ⓔ 13

8. Calculate the answer.

$$28 - 9 =$$

- Ⓐ 16
- Ⓑ 17
- Ⓒ 18
- Ⓓ 19
- Ⓔ 20

9. Calculate the answer.

$$31 - 4 =$$

- Ⓐ 24
- Ⓑ 25
- Ⓒ 26
- Ⓓ 27
- Ⓔ 28

10. Calculate the answer.

$$\begin{array}{r} 21 \\ - \quad 9 \\ \hline \end{array}$$

- Ⓐ 16
- Ⓑ 15
- Ⓒ 14
- Ⓓ 13
- Ⓔ 12

11. Calculate the answer.

$$\begin{array}{r} 34 \\ - \quad 8 \\ \hline \end{array}$$

- Ⓐ 23
- Ⓑ 24
- Ⓒ 25
- Ⓓ 26
- Ⓔ 27

12. Calculate the answer.

$$35 - 22 =$$

- Ⓐ 12
- Ⓑ 13
- Ⓒ 14
- Ⓓ 15
- Ⓔ 16

13. Find the missing number.

$$\boxed{} + 7 = 13$$

- Ⓐ 5
- Ⓑ 6
- Ⓒ 7
- Ⓓ 8
- Ⓔ 9

14. Find the missing number.

$$36 - \boxed{} = 24$$

- Ⓐ 10
- Ⓑ 11
- Ⓒ 12
- Ⓓ 13
- Ⓔ 14

15. Find the missing number.

$$\boxed{} - 6 = 18$$

- Ⓐ 24
- Ⓑ 25
- Ⓒ 26
- Ⓓ 27
- Ⓔ 28

16. Calculate the answer.

$$14 - 5 - 6 =$$

- Ⓐ 3
- Ⓑ 4
- Ⓒ 5
- Ⓓ 6
- Ⓔ 7

17. Calculate the answer.

$$24 - 7 - 8 =$$

- Ⓐ 5
- Ⓑ 6
- Ⓒ 7
- Ⓓ 8
- Ⓔ 9

18. Calculate the answer.

$$17 + 4 - 5 =$$

- Ⓐ 20
- Ⓑ 19
- Ⓒ 18
- Ⓓ 17
- Ⓔ 16

19. Calculate the answer.

$$37 - 18 + 4 =$$

- Ⓐ 21
- Ⓑ 22
- Ⓒ 23
- Ⓓ 24
- Ⓔ 25

20. Calculate the answer.

$$\begin{array}{r} 68 \\ + 53 \\ \hline \end{array}$$

- Ⓐ 111
- Ⓑ 115
- Ⓒ 121
- Ⓓ 125
- Ⓔ 131

21. Calculate the answer.

$$\begin{array}{r} 49 \\ + 75 \\ \hline \end{array}$$

- Ⓐ 111
- Ⓑ 114
- Ⓒ 121
- Ⓓ 124
- Ⓔ 134

22. Calculate the answer.

$$\begin{array}{r} 658 \\ + 69 \\ \hline \end{array}$$

- Ⓐ 717
- Ⓑ 721
- Ⓒ 727
- Ⓓ 731
- Ⓔ 737

23. Calculate the answer.

$$\begin{array}{r} 758 \\ + 383 \\ \hline \end{array}$$

- Ⓐ 1041
- Ⓑ 1131
- Ⓒ 1135
- Ⓓ 1141
- Ⓔ 1145

24. Calculate the answer.

$$\begin{array}{r} 81 \\ - 54 \\ \hline \end{array}$$

- Ⓐ 23
- Ⓑ 26
- Ⓒ 27
- Ⓓ 33
- Ⓔ 37

25. Calculate the answer.

$$\begin{array}{r} 811 \\ - 73 \\ \hline \end{array}$$

- Ⓐ 738
- Ⓑ 734
- Ⓒ 728
- Ⓓ 724
- Ⓔ 718

26. Calculate the answer.

$$\begin{array}{r} 725 \\ - 326 \\ \hline \end{array}$$

- Ⓐ 379
- Ⓑ 381
- Ⓒ 389
- Ⓓ 391
- Ⓔ 399

27. Calculate the answer.

$$\begin{array}{r} 47 \\ \times 6 \\ \hline \end{array}$$

- Ⓐ 272
- Ⓑ 282
- Ⓒ 283
- Ⓓ 292
- Ⓔ 293

28. Calculate the answer.

$$\begin{array}{r} 93 \\ \times 5 \\ \hline \end{array}$$

- Ⓐ 465
- Ⓑ 468
- Ⓒ 475
- Ⓓ 478
- Ⓔ 485

29. Calculate the answer.

$$\begin{array}{r} 624 \\ \times 4 \\ \hline \end{array}$$

- Ⓐ 2516
- Ⓑ 2508
- Ⓒ 2506
- Ⓓ 2498
- Ⓔ 2496

30. Calculate the answer.

$$\begin{array}{r} 76 \\ \times 58 \\ \hline \end{array}$$

- Ⓐ 4288
- Ⓑ 4394
- Ⓒ 4408
- Ⓓ 4554
- Ⓔ 4678

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

- 31.** Amelia's class has 7 boys and 9 girls. How many children are there in total?

_____ children

- 32.** There are 15 volleyballs and 9 soccer balls in the gym. How many balls are there in total?

_____ balls

- 33.** There are 8 sheep inside a pen. 5 of the sheep got out. How many sheep remain inside the pen?

_____ sheep

- 34.** There are 17 bananas hanging on a banana tree. Benjamin picked 8 bananas from the tree. How many bananas are left hanging on the tree?

_____ bananas

- 35.** There were 22 airplanes at an airport. 7 of them took off. How many airplanes are still at the airport?

_____ airplanes

- 36.** Camila and Dylan are jumping rope. Camila jumped 32 times and Dylan jumped 18 times. How many times more did Camila jump than Dylan?

_____ times

- 37.** Emily bought 5 mangoes, 9 peaches, and 7 kiwis. How many pieces of fruit did she buy altogether?

_____ pieces of fruit

- 38.** There were 19 people on a bus. When 6 people got on and 8 people got off, how many people were now on the bus?

_____ people

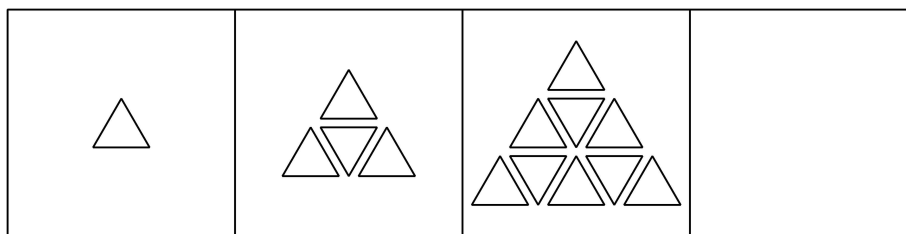
- 39.** Fabian's family owns 59 chickens, 47 pigs, and 8 horses. How many animals does his family own in total?

_____ animals

- 40.** There are 8 teams in the basketball tournament, with 5 players on each team. How many players are in the tournament in total?

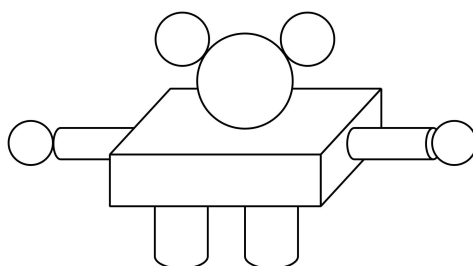
_____ players

- 41.** How many triangles would be in the last box of the given pattern below?
[2.3 points]



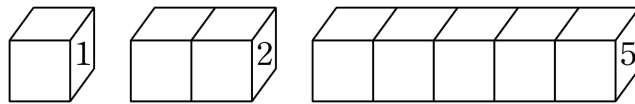
Answer : _____ triangles

- 42.** The figure below is made of different shapes: ball, cylinder, and box. There are different numbers of each type of shape. What is the sum of the largest number of shapes and the smallest number of shapes? [3.3 points]



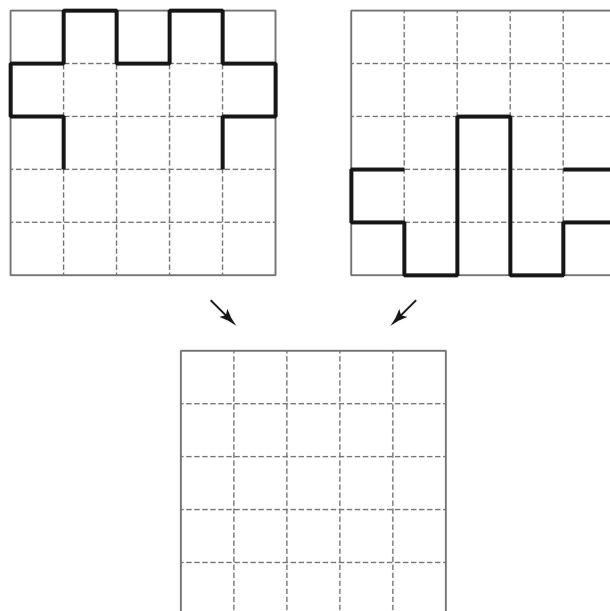
Answer : _____

43. The three blocks below can be used to create different lengths. Which length between 1 to 8 cannot be created using these blocks? [4.3 points]



Answer : _____

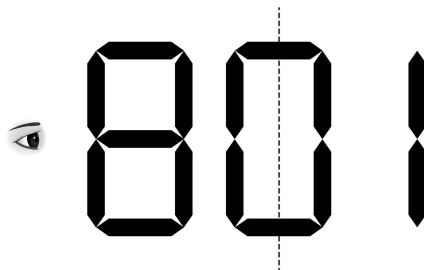
44. Combine the two figures to make a new figure below. How many ☐ do you need to fill the new figure? [4.3 points]



Answer : _____

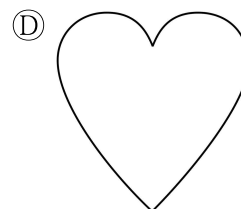
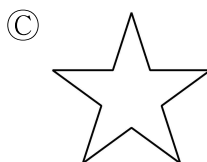
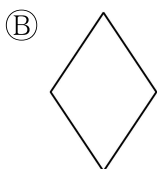
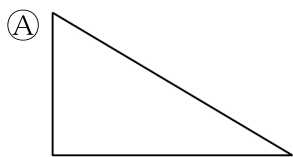
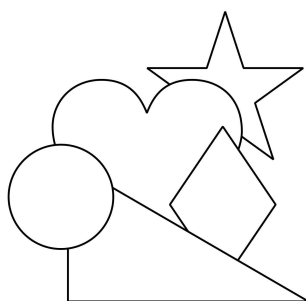
45. If you place a mirror on the dotted line, what number will you see?

[4.3 points]



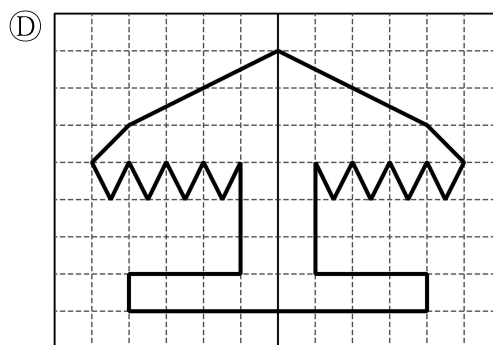
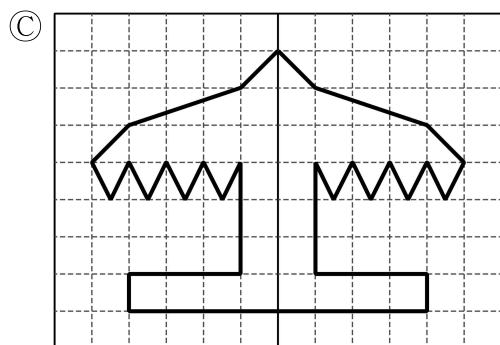
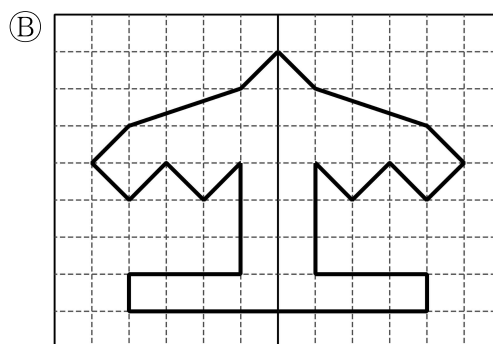
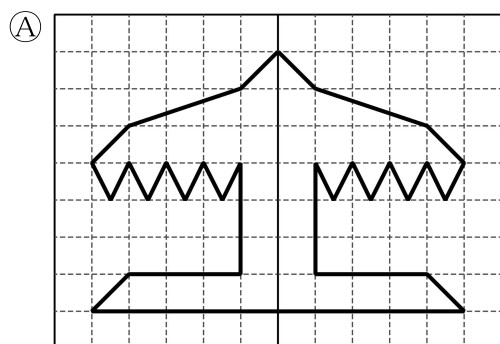
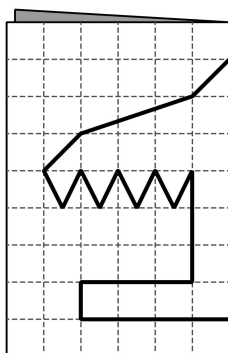
Answer : _____

46. You have placed five shapes on top of each other. Which shape is the third one from the bottom? [3.3 points]



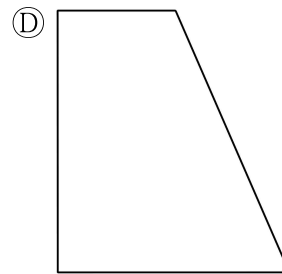
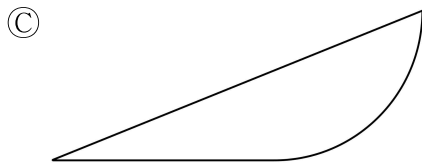
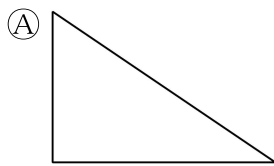
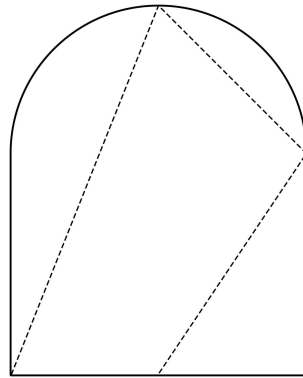
Answer : _____

47. Below is a piece of paper folded in half. When you unfold it, which of the following could be the possible shape you will get? [3.3 points]



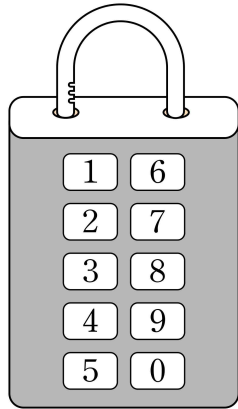
Answer : _____

48. When cut along the dotted lines, which shape is not made? [2.3 points]



Answer : _____

49. This lock opens by pressing four numbers, regardless of the order in which they are pressed. Attempts (1), (2), (3), and (4) each have one wrong number, so the lock did not open. What are the correct four numbers? [3.3 points]



(1) 2, 3, 6, 0	(2) 2, 5, 6, 8
(3) 3, 5, 6, 0	(4) 2, 5, 8, 0

- Ⓐ 2, 3, 5, 6 Ⓑ 2, 3, 5, 8 Ⓒ 2, 5, 6, 0 Ⓓ 2, 6, 8, 0

Answer : _____

50. Which of the following figures fits in the blank according to the pattern below? [4.3 points]



- Ⓐ Ⓑ Ⓒ Ⓓ

Answer : _____