

※ You can receive 1.5 points each for problems number 1 to 30.

In problems 1-12, calculate the answer.

1. $18 + 7 =$

2. $9 + 7 + 4 =$

3. $12 - 4 =$

4. $14 - 8 =$

5. $15 - 9 =$

6. $13 - 8 =$

7. $21 - 6 =$

8. $28 - 9 =$

9. $31 - 8 =$

10.
$$\begin{array}{r} 23 \\ - 5 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 34 \\ - 7 \\ \hline \end{array}$$

12. $35 - 13 =$

In problems 13-15, find the missing number.

13. $\square + 8 = 13$

14. $22 - \square = 15$

15. $\square - 6 = 16$

In problems 16-30, calculate the answer.

16. $11 - 6 - 2 =$

17. $24 - 7 - 9 =$

18. $19 + 7 - 8 =$

19. $33 - 14 + 7 =$

20.
$$\begin{array}{r} 43 \\ + 75 \\ \hline \end{array}$$

21.
$$\begin{array}{r} 54 \\ + 88 \\ \hline \end{array}$$

22.
$$\begin{array}{r} 657 \\ + 64 \\ \hline \end{array}$$

23.
$$\begin{array}{r} 753 \\ + 259 \\ \hline \end{array}$$

24.
$$\begin{array}{r} 72 \\ - 46 \\ \hline \end{array}$$

25.
$$\begin{array}{r} 741 \\ - 43 \\ \hline \end{array}$$

26.
$$\begin{array}{r} 935 \\ - 358 \\ \hline \end{array}$$

27.
$$\begin{array}{r} 27 \\ \times 6 \\ \hline \end{array}$$

28.
$$\begin{array}{r} 79 \\ \times 8 \\ \hline \end{array}$$

29.
$$\begin{array}{r} 364 \\ \times 7 \\ \hline \end{array}$$

30.
$$\begin{array}{r} 87 \\ \times 93 \\ \hline \end{array}$$

※ You can receive 2.0 points each for problems number 31 to 40.

31. There are 13 red blocks and 6 blue blocks on the table. How many blocks are there on the table altogether?

_____ blocks

32. Nick has 27 cocks and 32 ducks on his farm. How many animals are there on Nick's farm?

_____ animals

33. Jim had 27 cookies in his bag, and he then ate 8 of them. How many cookies are left in Jim's bag?

_____ pieces of cookies

34. On the playground, 52 children are playing. There are 33 girls of them. How many boys are there on the playground?

_____ boys

35. Wilson ate 7 strawberries, 6 cherries, and 2 oranges. How many pieces of fruit did Wilson eat altogether?

_____ pieces of fruit

36. Robin bought 16 roses. He gave 5 roses to Helen and 7 roses to Hillary. How many roses are left with him?

_____ roses

37. Noah has 12 mathematics questions and 14 science questions to solve as homework. He has already solved 8 questions. How many questions has he not yet solved?

_____ questions

38. Dennis has 128 marbles and Suzy has 237 marbles. How many marbles are there in total?

_____ marbles

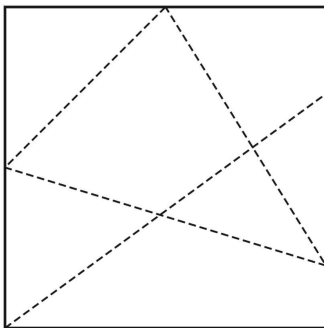
39. Sophia read a total of 287 pages during Saturday and Sunday. If she read 169 pages on Saturday, how many pages did she read on Sunday?

_____ pages

40. There are 12 teddy bears in every box. How many teddy bears are there in 4 boxes?

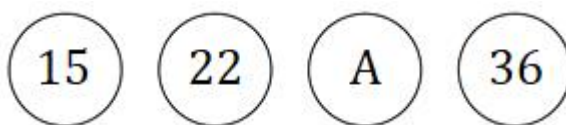
_____ teddy bears

41. If you cut the square below along the dotted lines, how many triangles will you get? [2.3 points]



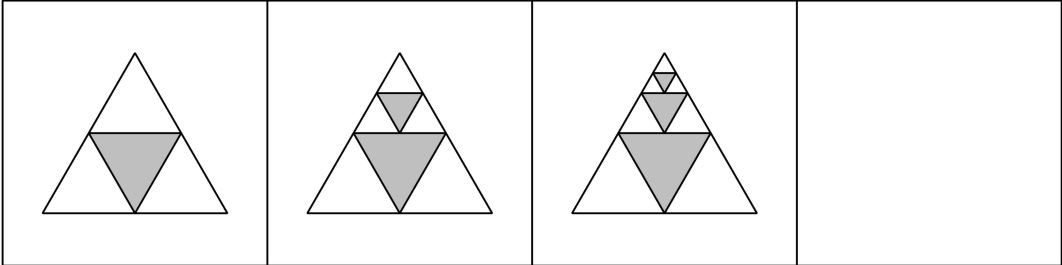
Answer : _____

42. In this pattern, you count up by 7 each step. What is the value of A? [2.3 points]




Answer : _____

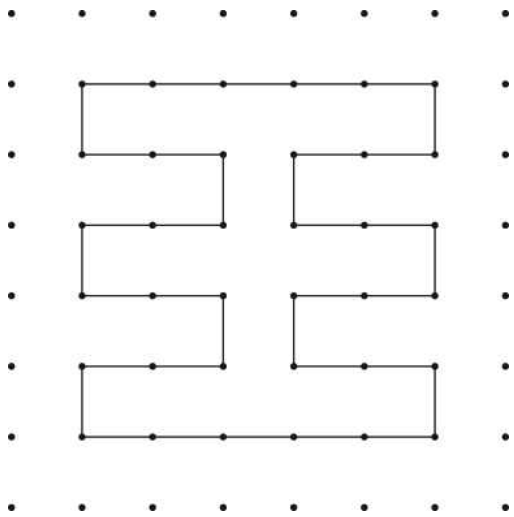
43. See the pattern of the figures below. Which figure belongs in the fourth box? [3.3 points]



- ① ② ③ ④

Answer : _____

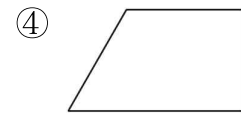
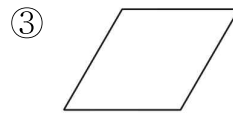
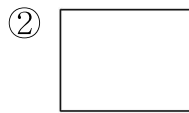
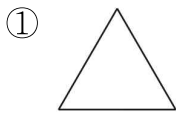
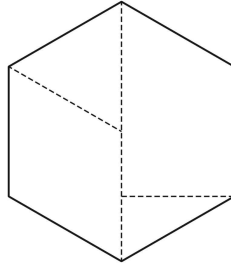
44. Write the number of  used to make the figure below. [3.3 points]



Answer : _____

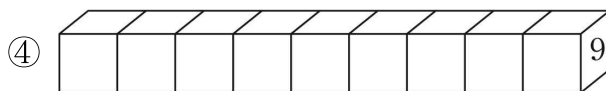
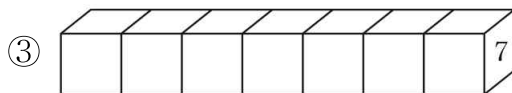
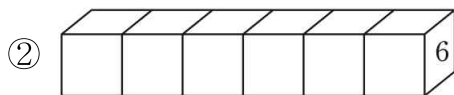
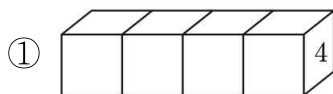
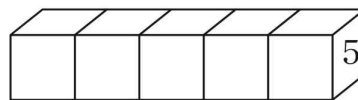
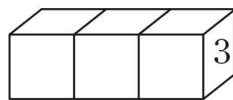
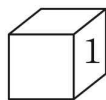
45. If you cut the shape below along the dotted lines, you will come up with some smaller parts. Which of the following is a part you will not get?

[3.3 points]



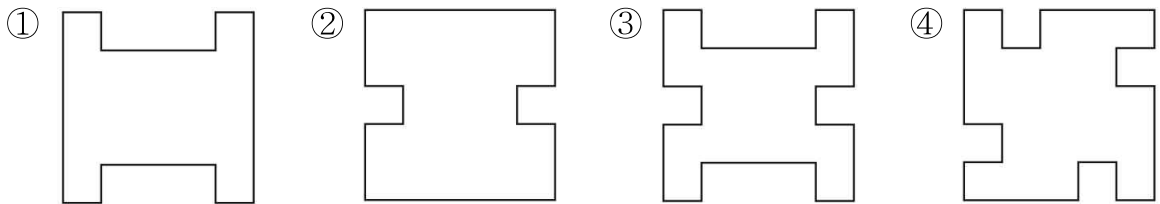
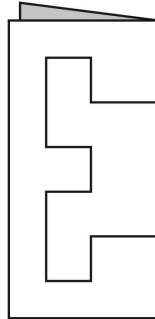
Answer : _____

46. Find the block length that you cannot come up with by combining any of the three blocks given below. [3.3 points]



Answer : _____

47. Below is a piece of paper folded in half. You will cut it along the lines and then unfold it. Which of the following is the full shape that you will get? [4.3 points]



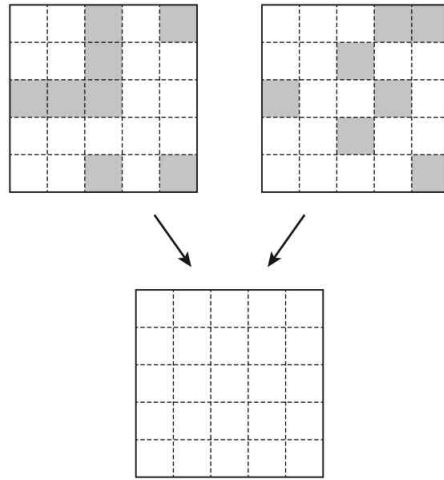
Answer : _____

48. Following the pattern along the sets of marbles, how many marbles need to be put in the empty column? [4.3 points]

2	4	2	4		2	4	6	8

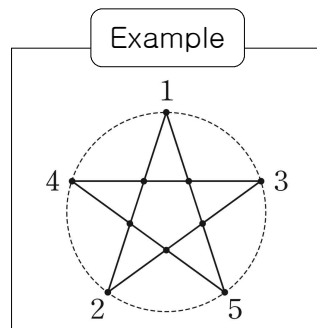
Answer : _____

49. You are going to shade the figure below by combining the two figures above. How many squares will be left blank? [4.3 points]

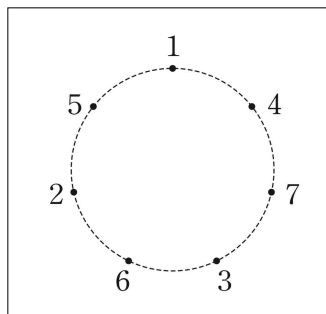


Answer : _____

50. The example shows five dots on a circle that are connected by lines drawn in the order 1 – 2 – 3 – 4 – 5 – 1. As a result, there are 5 points where the lines cross (✕)



- In order to connect 7 dots, you are going to draw lines like the example, in the order 1 – 2 – 3 – 4 – 5 – 6 – 7 – 1. As a result, how many points are there where the lines cross (✕)? [4.3 points]



Answer : _____