1. Calculate the answer.

$$15 + 8 =$$

① 21
② 22
③ 23
④ 24
⑤ 25

2. Calculate the answer.

$$7 + 8 + 5 =$$

① 18
② 19
③ 20
④ 21
⑤ 22

3. Calculate the answer.

$$11 - 4 =$$

① 6
② 7
③ 8
④ 9
⑤ 10

4. Calculate the answer.

$$13 - 5 =$$

① 6
② 7
③ 8
④ 9
⑤ 10

5. Calculate the answer.

$$16 - 7 =$$

① 6
② 7
③ 8
④ 9
⑤ 10

6. Calculate the answer.

$$17 - 9 =$$

① 5
② 6
③ 7
④ 8
⑤ 9

7. Calculate the answer.

$$20 - 9 =$$

① 10
② 11
③ 12
④ 13
⑤ 14

8. Calculate the answer.

$$24 - 7 =$$

① 16
② 17
③ 18
④ 19
⑤ 20

9. Calculate the answer.

$$33 - 7 =$$

① 23
② 24
③ 25
④ 26
⑤ 27

10. Calculate the answer.

$$\begin{array}{r} 2\ 1 \\ -\quad 3 \\ \hline \end{array}$$

① 16
② 17
③ 18
④ 19
⑤ 20

11. Calculate the answer.

$$\begin{array}{r} 2\ 3 \\ -\quad 6 \\ \hline \end{array}$$

① 16
② 17
③ 18
④ 19
⑤ 20

12. Calculate the answer.

$$36 - 12 =$$

① 23
② 24
③ 25
④ 26
⑤ 27

13. Find the missing number.

$$\boxed{} + 6 = 15$$

① 6
② 7
③ 8
④ 9
⑤ 10

14. Find the missing number.

$$26 - \boxed{} = 18$$

① 6
② 7
③ 8
④ 9
⑤ 10

15. Find the missing number.

$$\boxed{} - 7 = 14$$

① 17
② 18
③ 19
④ 20
⑤ 21

16. Calculate the answer.

$$12 - 7 - 4 =$$

① 1
② 2
③ 3
④ 4
⑤ 5

17. Calculate the answer.

$$23 - 6 - 8 =$$

① 6
② 7
③ 8
④ 9
⑤ 10

18. Calculate the answer.

$$15 + 8 - 9 =$$

① 10
② 11
③ 12
④ 13
⑤ 14

19. Calculate the answer.

$$31 - 15 + 8 =$$

① 23
② 24
③ 25
④ 26
⑤ 27

20. Calculate the answer.

$$\begin{array}{r} 8\ 5 \\ +\quad 3\ 4 \\ \hline \end{array}$$

① 51
② 101
③ 109
④ 111
⑤ 119

21. Calculate the answer.

$$\begin{array}{r} 4\ 8 \\ +\quad 9\ 6 \\ \hline \end{array}$$

① 132
② 134
③ 138
④ 142
⑤ 144

22. Calculate the answer.

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

① 703
② 706
③ 803
④ 813
⑤ 816

23. Calculate the answer.

$$\begin{array}{r} 2\ 4\ 5 \\ +\ 7\ 6\ 9 \\ \hline \end{array}$$

① 904
② 905
③ 1014
④ 1015
⑤ 1019

24. Calculate the answer.

$$\begin{array}{r} 8\ 3 \\ -\quad 5\ 9 \\ \hline \end{array}$$

① 23
② 24
③ 25
④ 26
⑤ 27

25. Calculate the answer.

$$\begin{array}{r} 6\ 5\ 2 \\ -\quad 5\ 8 \\ \hline \end{array}$$

① 594
② 604
③ 608
④ 614
⑤ 618

26. Calculate the answer.

$$\begin{array}{r} 7\ 1\ 3 \\ -\ 4\ 2\ 7 \\ \hline \end{array}$$

① 283
② 286
③ 293
④ 296
⑤ 303

27. Calculate the answer.

$$\begin{array}{r} 4\ 8 \\ \times\quad 5 \\ \hline \end{array}$$

① 60
② 130
③ 240
④ 280
⑤ 285

28. Calculate the answer.

$$\begin{array}{r} 8\ 7 \\ \times\quad 9 \\ \hline \end{array}$$

① 96
② 173
③ 773
④ 776
⑤ 783

29. Calculate the answer.

$$\begin{array}{r} 4\ 5\ 7 \\ \times\quad 6 \\ \hline \end{array}$$

① 463
② 2542
③ 2642
④ 2742
⑤ 2842

30. Calculate the answer.

$$\begin{array}{r} 7\ 9 \\ \times\ 6\ 4 \\ \hline \end{array}$$

① 4856
② 4956
③ 5056
④ 5156
⑤ 5256

31. *A pencil case has only red and blue pencils. In the pencil case, 7 pencils are red and 8 pencils are blue. How many pencils are in the pencil case?*

_____ pencils

32. Some people held a potluck party. 5 kinds of European dishes, 6 kinds of Latin dishes, and 8 kinds of Asian dishes were served. How many kinds of dishes were served in total?

_____ kinds

33. Alice purchased 10 eggs, but 3 eggs were broken. How many eggs could she use?

_____ eggs

34. Steve planned to read 14 books of the Dragon's Eye series. He will have finished 5 books this week. How many more books will he need to read?

_____ books

35. Nicholas likes to fold origami. He bought 15 sheets of large origami paper. He used 7 sheets. How many sheets of paper remain unused?

_____ sheets

36. Joan bought 11 gift cards. She gave 9 cards to her friends. How many cards does she have left?

_____ cards

37. Ben had 21 mugs. 4 of his mugs were sold at a garage sale. How many mugs does he have left?

_____ mugs

38. Kate had 16 hairpins in her jewelry box. She chose some hairpins for her

friend's birthday party. She wore 4 hairpins in her hair and gift-wrapped 3 hairpins. How many hairpins are left in Kate's jewelry box?

_____ hairpins

39. Annie has two boxes of toys. The big box contains 23 toys and the small box contains 18 toys. How many toys does she have in total?

_____ toys

40. Jimmy had 54 marbles in a pouch. He dropped the pouch and some marbles rolled away. He found some marbles and put them back in the pouch. But, now there are only 27 marbles in the pouch. How many marbles did Jimmy lose?

_____ marbles

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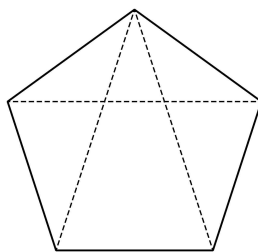
Answer : _____

42. You have placed four shapes on top of each other. Which shape is the second shape from the bottom? [2.3 points]

① △   ② ☐   ③ ⬠   ④ ◯
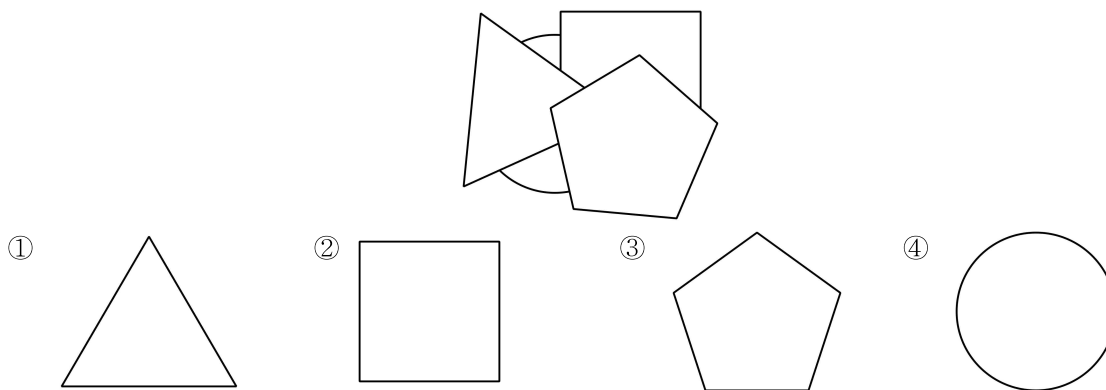
Answer : _____

43. If you draw the same figure on the right as the one on the left, how many more triangles should you draw? [3.3 points]
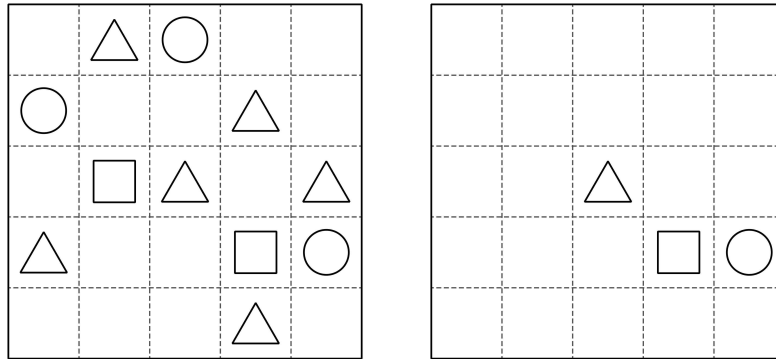
Answer : _____

44. In this pattern, you add 7 in each step. What is the value of A? [3.3 points]

Answer : _____

45. How many ⬜ do you need to fill the following figure? [3.3points]
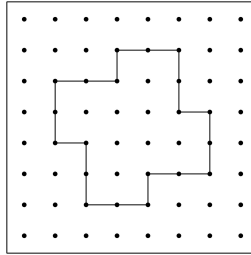
Answer : ＿＿＿＿＿＿

46. You are going to cut the following figures along the dotted lines. How many will be cut into two pieces that have the same size and shape?

[3.3 points]
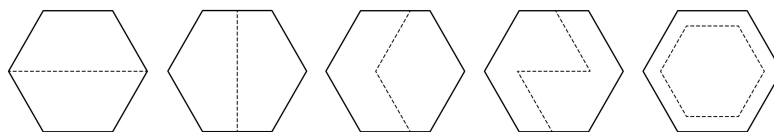
Answer : ＿＿＿＿＿＿

47. Find the block length that you cannot make by connecting any of the three blocks given below. [4.3 points]
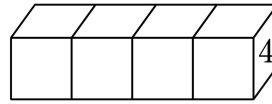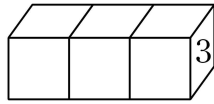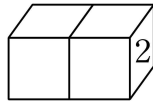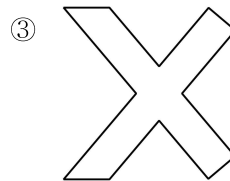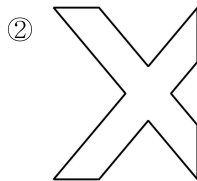

①
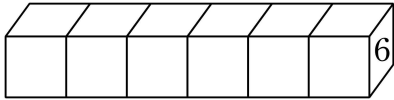
②
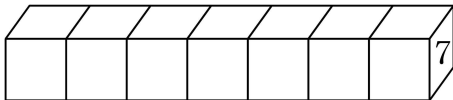
③

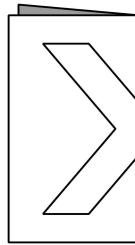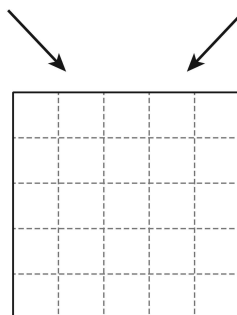④
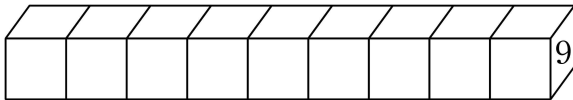
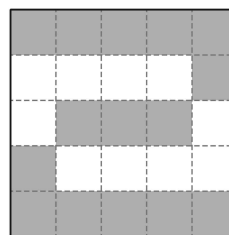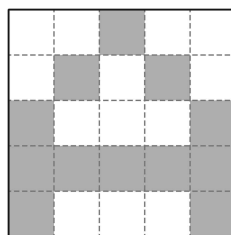
Answer : _____

48. 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 complete shape that you will get? [4.3 points]
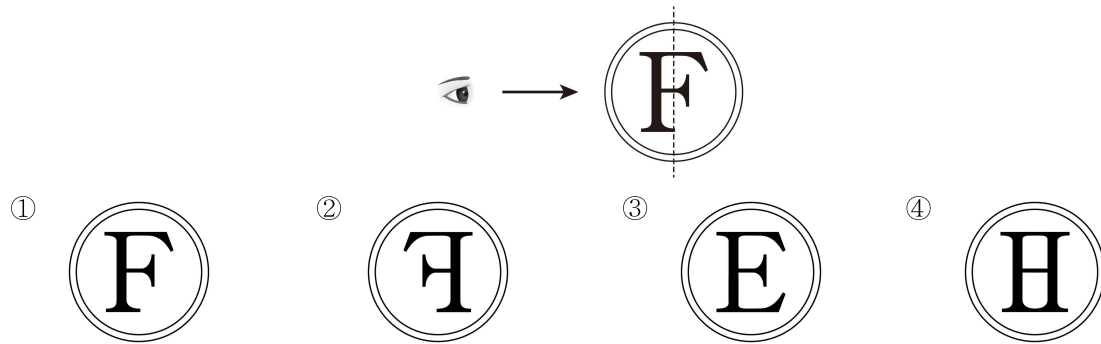

① 　② 　③ 　④
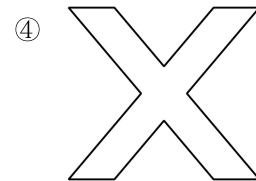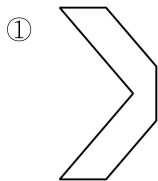
Answer : _____

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

Answer : _____

50. Find the figure you can see when a mirror is placed on the dotted line.

[4.3 points]

① ② ③ ④

Answer : _____