In 1-12, calculate.

1. $15 + 7 =$

2. $7 + 9 + 5 =$

3. $11 - 4 =$

4. $13 - 6 =$

5. $17 - 8 =$

6. $15 - 9 =$

7. $22 - 7 =$

8. $21 - 5 =$

9. $23 - 9 =$

10.
$$
\begin{array}{r}
2\ 1 \\
-\ \ \ 6 \\
\hline
\end{array}
$$

11.
$$
\begin{array}{r}
2\ 0 \\
-\ \ \ 8 \\
\hline
\end{array}
$$

12. $23 - 11 =$

In 13-15, find the missing number.

13. $\boxed{} + 8 = 16$

14. $15 - \boxed{} = 7$

15. $\boxed{} - 8 = 9$

In 16-30, calculate.

16. $13 - 6 - 5 =$

17. $20 - 5 - 8 =$

18. $15 + 7 - 6 =$

19. $21 - 8 + 7 =$

20.
$$
\begin{array}{r}
5\ 9 \\
+\ \ 7\ 6 \\
\hline
\end{array}
$$

21.
$$
\begin{array}{r}
6\ 4 \\
+\ \ 4\ 6 \\
\hline
\end{array}
$$

22.
$$
\begin{array}{r}
7\ 4\ 5 \\
+\ \ \ 6\ 9 \\
\hline
\end{array}
$$

23.
$$
\begin{array}{r}
4\ 7\ 8 \\
+\ 5\ 6\ 5 \\
\hline
\end{array}
$$

24.
$$
\begin{array}{r}
6\ 3 \\
-\ \ 4\ 6 \\
\hline
\end{array}
$$

25.

```
   5 4 2
 −   7 5
 ───────
```

26.

```
   7 0 4
 − 3 2 7
 ───────
```

27.

```
     2 4
 ×     6
 ───────
```

28.

```
     4 8
 ×     7
 ───────
```

29.

```
   2 4 3
 ×     9
 ───────
```

30.

```
     7 5
 ×   6 7
 ───────
```

31. There are 18 birds on a wire. If another 9 birds land on the wire, how many will there be?

_____ birds

32. There are 13 children in Jason's neighborhood. There are 7 boys. How many girls are there?

_____ girls

33. Dennis is reading a book that has 25 pages. He read 9 pages yesterday and 6 pages today. How many more pages does he have to read to finish his book?

_____ pages

34. There were 8 boys and 6 girls playing on the playground. Nine children went home for lunch. How many children are left on the playground?

_____ children

35. There are 21 pieces of red paper, 13 pieces of blue paper, and 8 pieces of yellow paper. How many more pieces of red paper are there than yellow paper?

_____ pieces of red paper

36. Greg has 63 marbles, Jim has 86 marbles, and Frank has 32 marbles. How many marbles do Jim and Frank have altogether?

_____ marbles

37. There are 192 adults and 433 children at the amusenent park. How many people are there in all?

_____ people

38. Jason passes a bakery on his way to school. The distance from Jason's house to the school is 579m. If the distance from his house to the bakery is 287m, what is the distance between the bakery and the school?

_____ m

39. Grace and Alex are playing with blocks. Grace needs 36 blocks for her robot, and Alex needs 39 blocks for his car. If Alex wants to make 3 cars, how many blocks dose he need altogether?

_____ blocks

40. Charlie is running 100m in 21 seconds. If he continues running at the same speed, how many seconds will it take him to run 1,500m?

_____ seconds

41. Complete the pattern by counting by 6's. [2.3 points]

Answer : _____

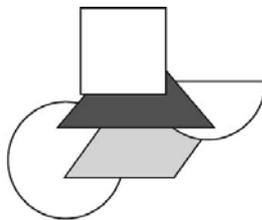**42.** How many shapes cannot be made when the dotted lines are all cut?

[2.3 points]
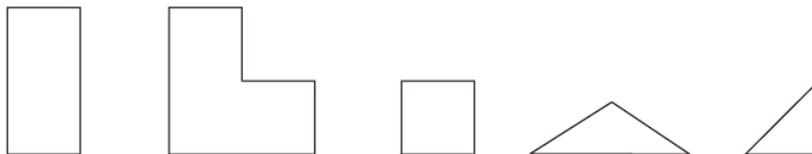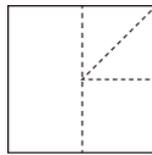
Answer : _____shape(s)

43. Draw the correct object in ⬚ to complete the pattern. [3.3 points]

⬚ ○ △ ○ ▽ ○ △ ○ ▽

Answer : _____

44. Look at the overlapped figures and number them from the bottom. What is the number of the figure ⌓ ? [3.3 points]
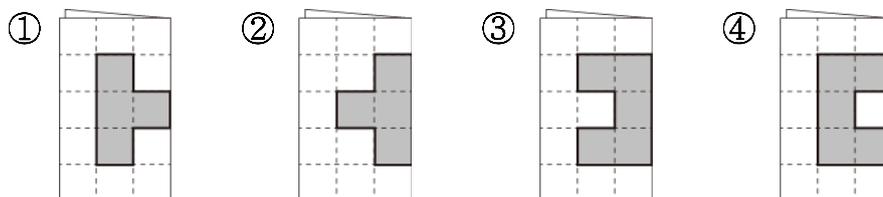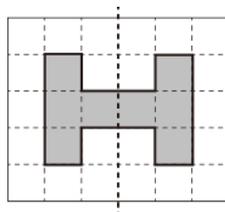
Answer : _____

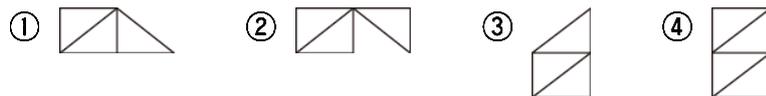**45.** How many ball-shaped figures are there?   [3.3 points]

Answer : _____

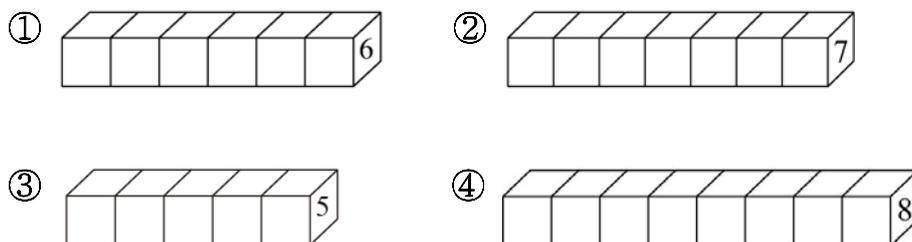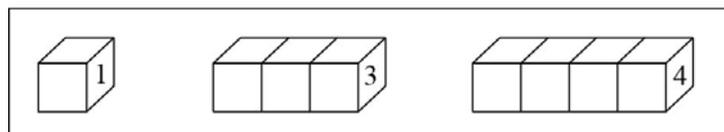**46.** Find the figure that is made when the paper on the top is folded in half.

[3.3 points]

①   ②   ③   ④

Answer : _____

47. Look at the related figures and find the figure that belongs in the blank space. [4.3 points]

①   ②   ③   ④

Answer : _____

48. Find the block that cannot be made by any combination of the given blocks. [4.3 points]
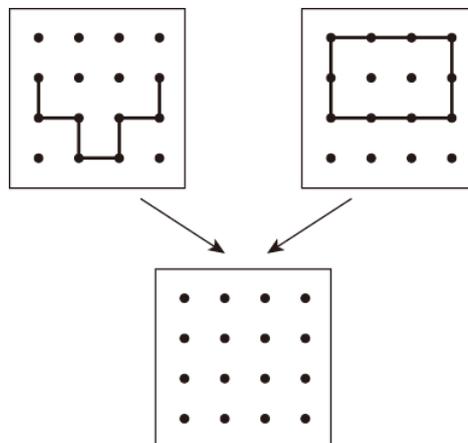

①   ②

③   ④

Answer : _____

49. How many $0's$ would you see if a mirror were placed on the dotted line?

[4.3 points]

$$| O \ | O \ O \quad \eyeball$$

Answer : _____

50. Combine the top two figures to make a new figure below. How many dots would not be connected in the new figure? [4.3 points]

Answer : _____