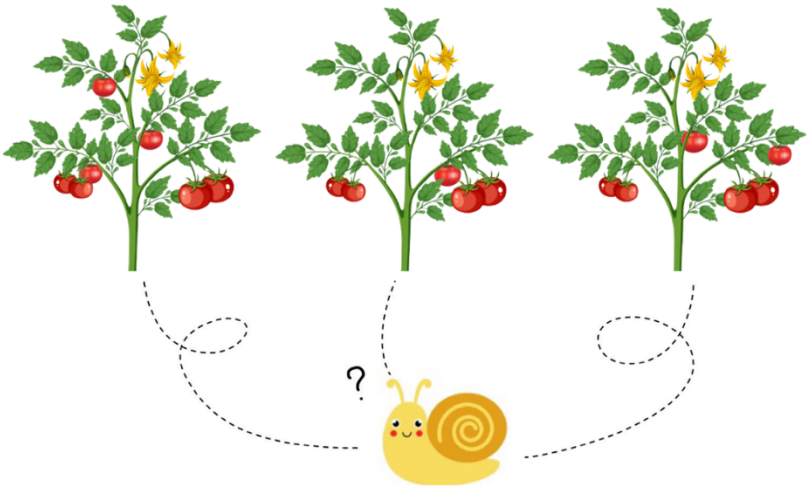
1. Find the value of 9 + 7 – 8 + 1.

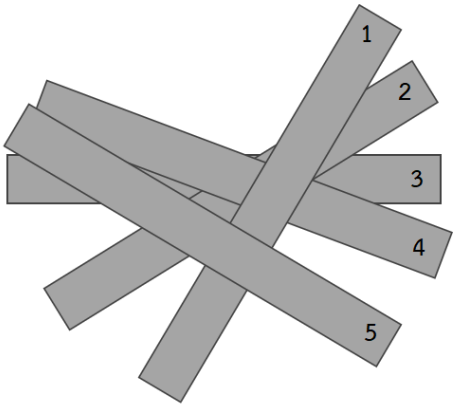
2. John has 12 baht. Jane has 5 baht more than John. How much does Jane have?

3. If the value of ★ + 5 is less than 17, then what is the maximum natural number that can substitute to ★?

4. Three tomato plants produce unequal fruits, as shown in the below figure. If the snail can choose only one plant, how many maximum tomato fruits does the snail eat?

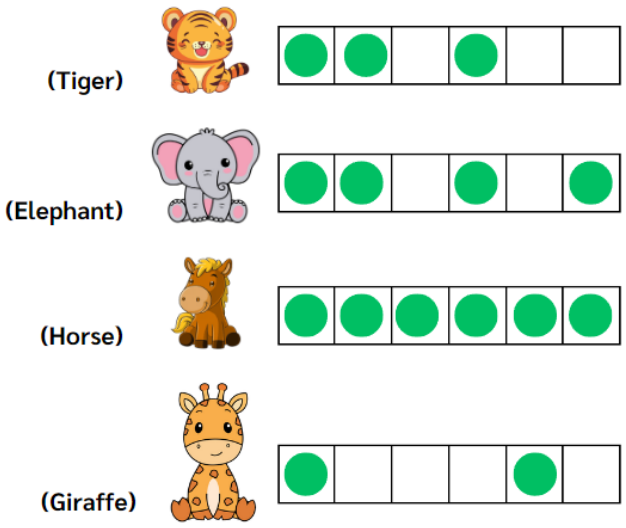


5. Five wooden sticks with numbers 1-5 on them are superimposed, see the below figure.



Which stick's number is superimposed at the bottom?

6. In the figure, ● represents the number of animals in a zoo.



If ● is equal to two animals, how many tigers and horses are there?

7. If Kevin buys the two cheapest toys as shown below and pays with a 20 baht bill, how much change will Kevin get back?

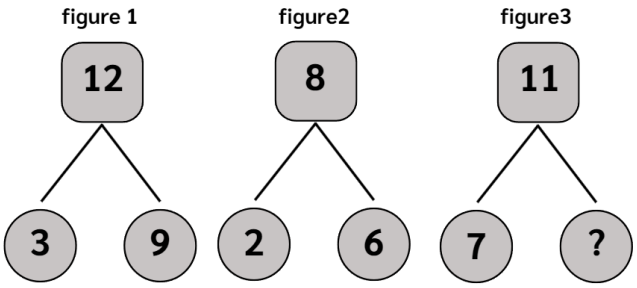

15 Bath


12 Bath

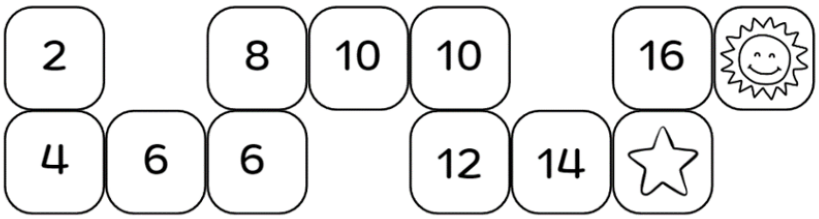

8 Bath


10 Bath

8. If the numbers in each figure are related as shown below, find the number is represented by "?".

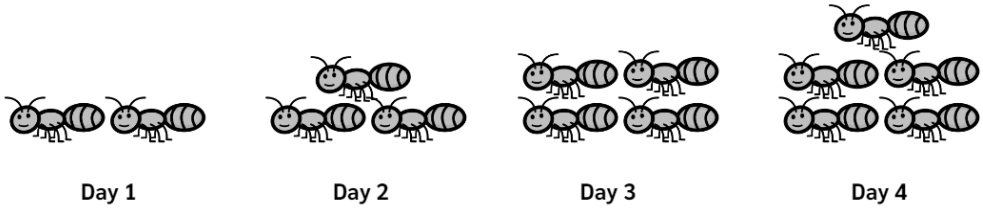


9. In the figure, the numbers are related. Let ☆ and ☼ be integers.



Find the value of ☆ + ☼

10. Bell observes that the number of ants in the anthill on each day as shown below.



On day 1, there are 2 ants.

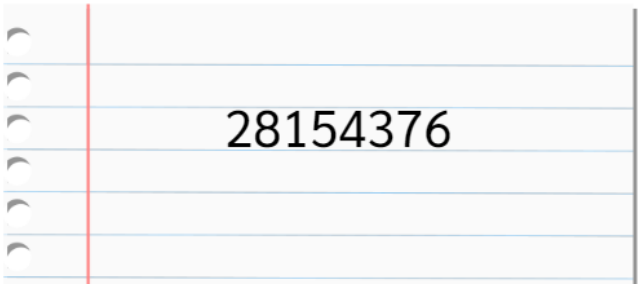
On day 2, there are 3 ants.

On day 3, there are 4 ants.

On day 4, there are 5 ants, and so on.

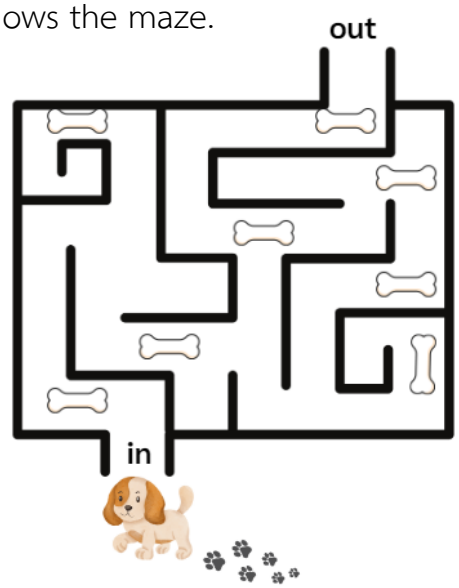
Suppose that the number of ants is increasing by the same pattern every morning. In the afternoon of day 14, Bell sees that 3 ants are dead, then what is the number of remaining ants in the evening of day 14?

11. Kene writes the number with 8 digits as shown below.



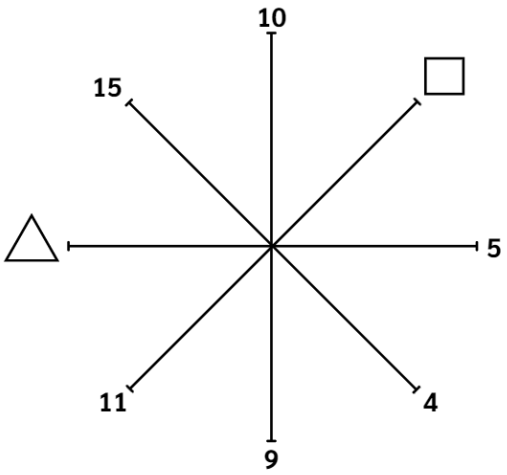
If Kene chooses to cut digits out of this number to leave the remaining of 2-digits number which is the smallest value, what is the 2-digits number?

12. The figure below shows the maze.



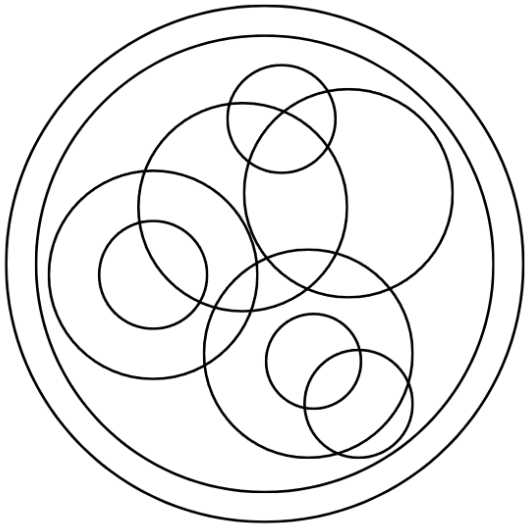
A dog, named Bobby, has to walk into the maze to collect as many bones as possible. The condition is that Bobby must not repeat the same path and exits at the exit. How many the maximum number of bones can Bobby collect?

13. In the figure, there is a relationship. Let △ and □ be natural numbers.

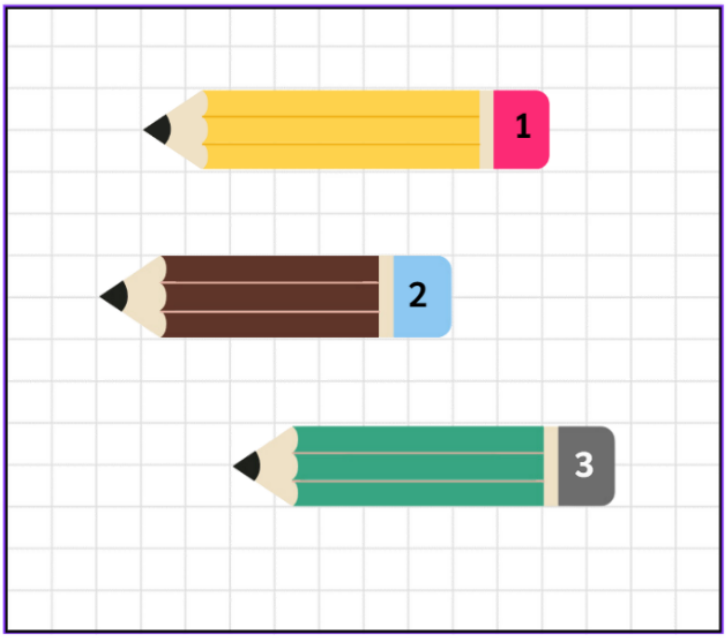


Find the value of △ + □.

14. How many circles are there in the figure?

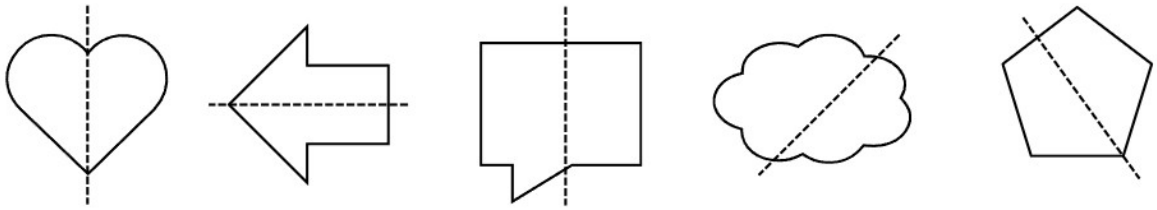


15. Jacob puts three pencils on the squared paper worksheet as shown below. (Each square is the same dimension.)



If each pencil is numbered 1 to 3, arrange the number of pencils by the length of pencils in ascending order.

16. In the figure, how many diagrams are there that are folded along the dashed line (---------) and then two parts are completely overlapped?



17. In the figure, Pearwah makes 4 diagrams by arranging squares ☐. Which number of the diagram that has the highest number of squares ☐?

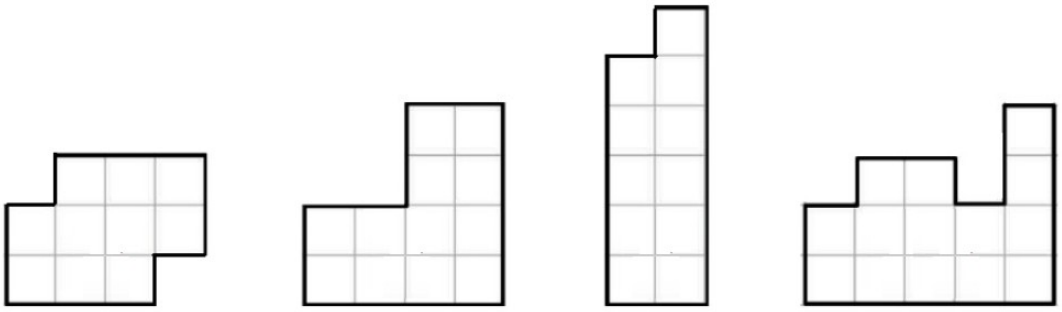
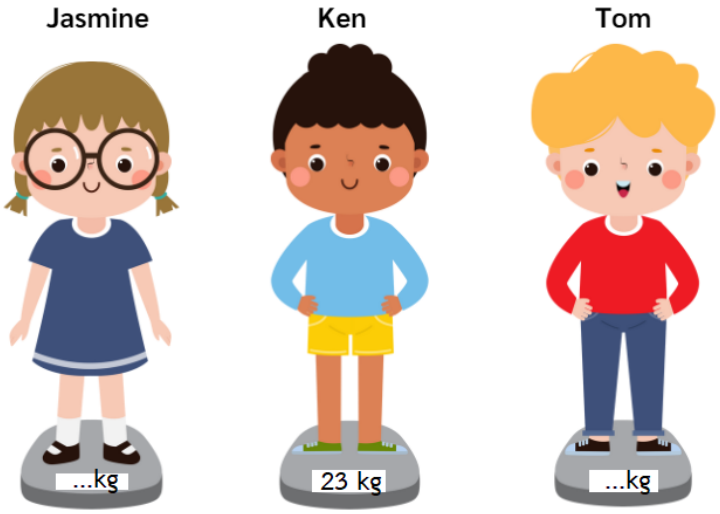


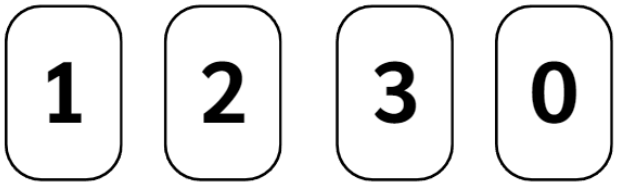
Figure 1 Figure 2 Figure 3 Figure 4

18. In the figure, Jasmine, Ken, and Tom stand on the weight scale.



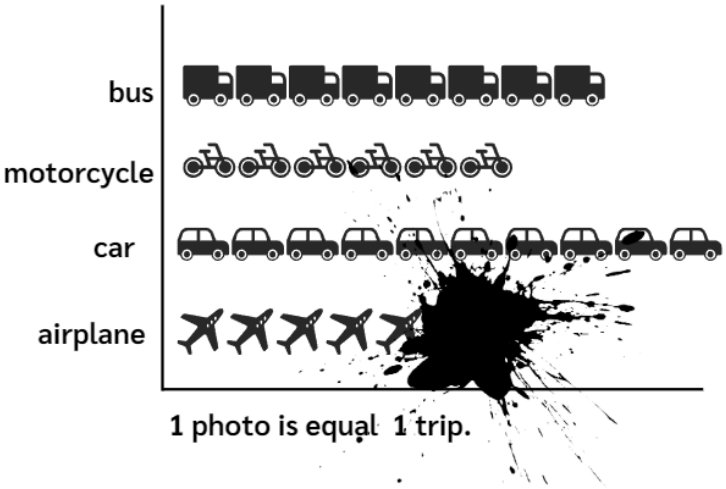
Ken is 23 kilograms. Jasmine is 4 kilograms lighter than Ken. Tom is 6 kilograms heavier than Jasmine. What is the weight of a person who has the maximum weight?

19. James has four cards numbered 1, 2, 3, and 0, respectively.



If James chooses two cards to create a 2-digits number that is greater than 10, how many numbers does James create?

20. For 1 year, the pictographs show the number of Marwin's traveling to Chiang Mai in different ways

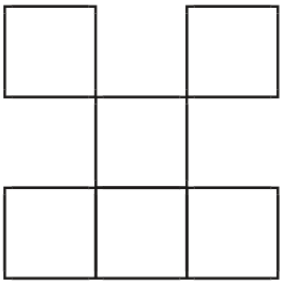


Suppose that Marwin travels to Chiang Mai 31 times in one year. How many times does Marwin travel by airplane?

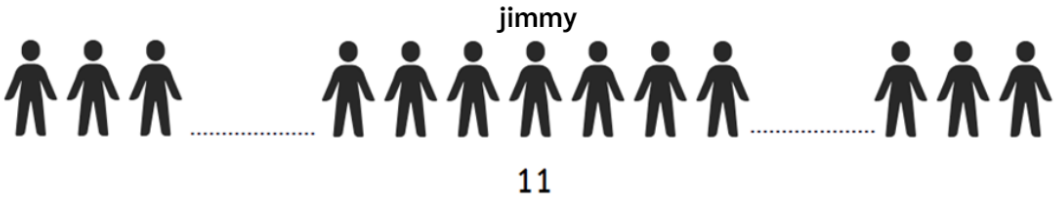
21. Given the pattern of numbers 1, 2, 4, 7, 11, ☐. What is the number represented by ☐?

22. Bambam has 24 baht. His mother gives him 16 baht. His father also gives him 8 baht. He buys a snack for 9 baht. How much money does he left?

23. From the figure, how many rectangles are there?



24. Jimmy is in a row as shown below.



He found that he stands in the middle and 11^{th} position of the row.

How many people are there in that row?

25. When students write the numbers 1 to 20, how many times must they write the number 1?

GRADE 1 ANSWER KEY

No.	Answer	No.	Answer
1	9	14	10
2	17	15	231
3	11	16	2
4	7	17	4
5	3	18	25
6	18	19	8
7	2	20	7
8	4	21	16
9	32	22	39
10	12	23	4
11	13	24	21
12	6	25	12
13	22		