1. Find the value of 485 + 327 – 673.

2. Marcus has 120 more colored pencils than Sena. Sena has 48 colored pencils. How many colored pencils do they have altogether?

3. What is the missing number in the box?

$$248 + 172 = \square - 215$$

4. After Cole spent some money, he had £11 left. He bought 2 pairs of trousers at £26 each, and 4 shirts at £17 each. He also bought a new pair of shoes for £39. How much money did he have at first?

5. Find the missing number.

5, 9, 15, 23, 33, __

6. How many animals are in front of the chicken if the duck leaves the line?

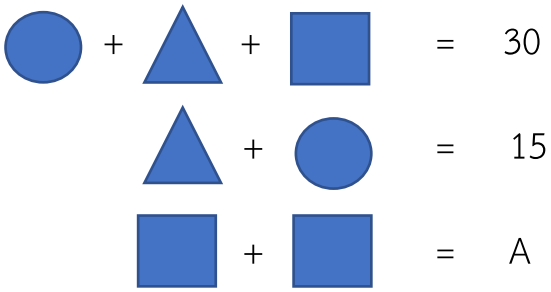


7.

$$\begin{array}{r} 5\ \ A\ \ 2 \\ 1\ \ 2\ \ B\ + \\ \underline{C\ \ 4\ \ A} \\ \underline{\underline{9\ \ 0\ \ 4}} \end{array}$$

If A, B, and C represent the different digit, find the value of A + B – C.

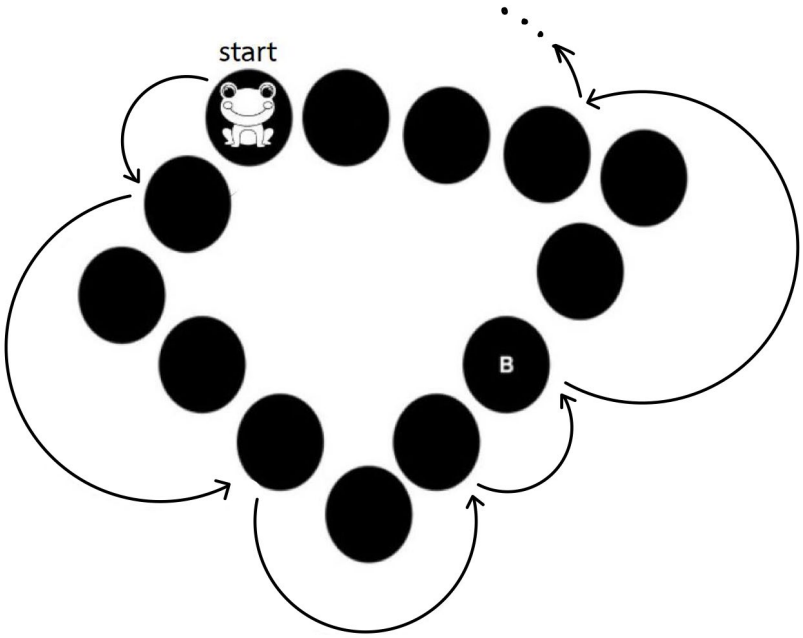
8.



Find the value of A.

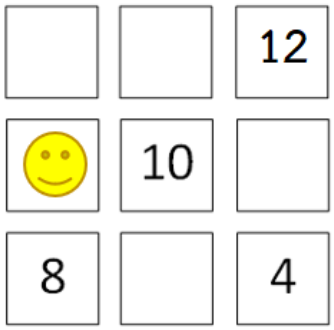
9. Today is Friday. Mike's mother said that our family would go to the museum on Thursday next two week. How many days until that day?

10. A frog hops around the way by starting from a start point and following the direction and the hopping pattern as shown in the figure below.



If a frog will stop at B for the second time, how many times will a frog hop.

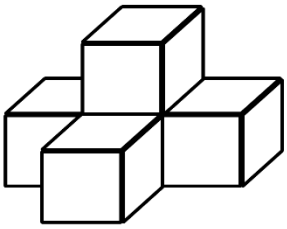
11. Fill each box with the even numbers from 2 to 18 so that the sum of three numbers in vertical, horizontal, and diagonal must be the same. What is the number in ☺ ?



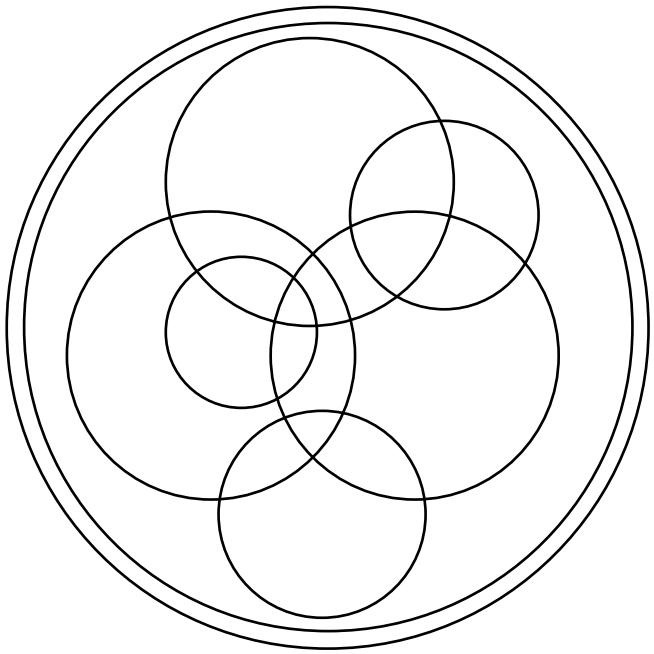
12. Now, Quinn is 10 years older than Blake. The sum of their ages will be 20 in 4 years' time. How old is Quinn?

13. Numbers that contain only digits 2, 4 or 6 which are more than 22 and less than 65. (The digits can be used more than once in the numbers) How many possible number(s) are there ?

14. How many cubes are there in the figure below:



15. How many circles are there in the following figure?



16. Emma's fish tank holds 48 liters of water. Emma uses a 4-liter container to fill the tank. How many times will Emma need to fill the container in order to fill the fish tank?

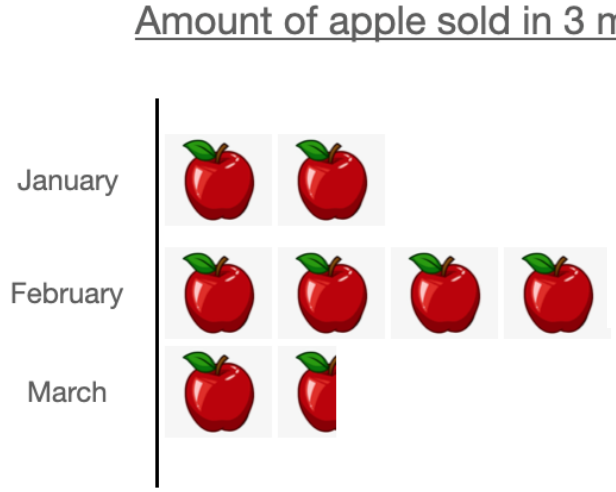
17. If three boys stood on the weighing scale together, then the scale would move to 113 kilograms. If one boy steps off, then the scale will move to 77 kilograms. If another boy jumps off, then the scale will show 34 kilograms. What is the difference weight between the second boy and the first boy?

18. 

Jake cuts papers like the pattern above (1 cut = 1 shape).
What is the least numbers of shape does he need to cut until he gets 20 pieces of heart shape?

19. How many 3-digit even numbers whose digits are different can be formed with the digits 0, 1, and 8 ?

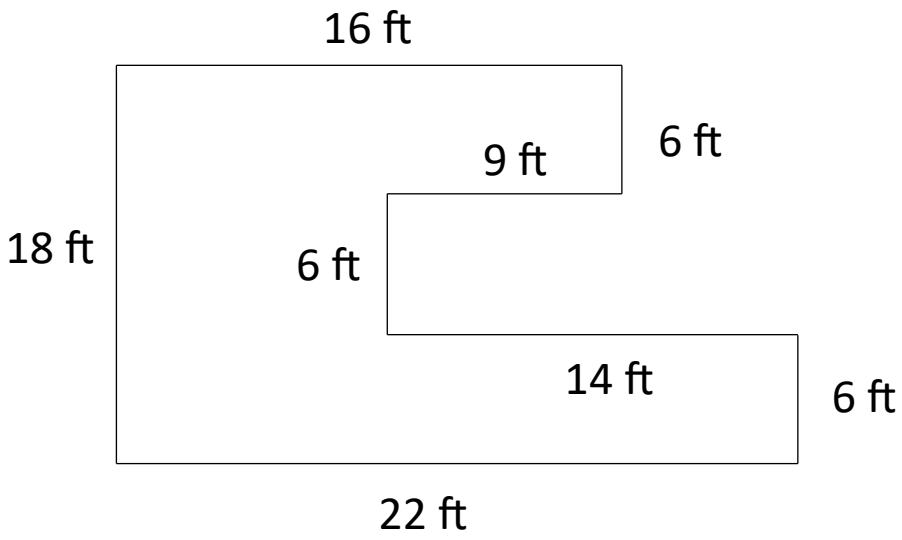
20. A picture of apple picture represents 2 apples. How many apples are sold in 3 months?



21.What is the value of B?

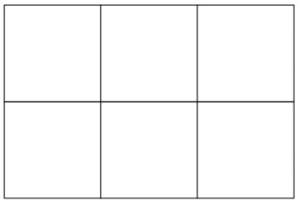


22.John jogs around the playground. From the picture, how far does he jog?



23.In how many different orders can Mason, Sarah, and Olivia stand in the line?

24. How many big and small squares are there in the figure below?



25. Jimmy wants to buy 8 apples from a supermarket. The apples are packed in 2 ways: 4 apples or 2 apples packaged in pack.



How many ways can he buy 8 apples?

ANSWERS P.2

No.	Answer	No.	Answer
1	139	14	5
2	216	15	8
3	635	16	12
4	170	17	7
5	45	18	58
6	6	19	3
7	10	20	15
8	30	21	163
9	13	22	97
10	23	23	6
11	6	24	8
12	11	25	3
13	7		