1. Find the value of $27 \times 6 + 11 \times 9 - 3 \times 6 - 13 \times 9$.

2. 12 less than 7×4 is $\square \times 2$.

   What is the number in the blank box?

3. From the diagram below, find the value of A + B – C + D.

$$\begin{array}{r} 6\ C\ B\ 3 \\ -\ 4\ 6\ 0\ 8 \\ \hline D\ 6\ 9\ A \end{array}$$

4. Find the value of $1 + 3 + 5 + 7 + \cdots + 43 + 45 + 47 + 49$.

5. From the pattern below,

   4, 10, 16, 22, 28, 34, ...

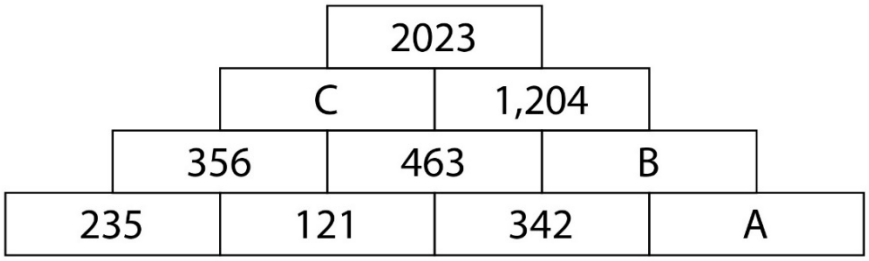
   what is the sum of the 9^{th} term and the 16^{th} term?

6. If a☺b = a × 4 – b × 3, then find 7☺8.

7. A fruit seller sells only 3 kinds of fruit. He sells each orange for $3, each strawberry for $5 and each durian for $8. He has collected $22 so far. How many orange(s) has he sold if he has sold at least one of each fruit?

8. The sum of three consecutive even numbers is 150. What is the largest of these three numbers?

9. According to the number pattern below,
find the value of C – B + A.



10. Phill's friends want to buy him a gift for his birthday. If each of them gives £2, they will be short of £5 for the gift. If each of them gives £3, there will be an extra £4. How much does the gift cost?

11. Jennifer had a party. She wanted to give an equal number of balloons to her six friends. If one of her friends did not show up at the party, the rest would be able to get another 3 balloons each. How many balloons did Jenifer have at first?

12. Tim distributed his chocolate evenly among his 14 students. Two of them don't eat chocolate and returned their share. Tim also re – distributed the returned share evenly. At least how many pieces of chocolate did Tim bring for his students?

13. Jane wanted to make some cookies. She made 5 cookies on the 1^{st} day, 9 cookies on the 2^{nd} day, 13 cookies on the 3^{rd} day, 17 cookies on the 4^{th} day and so on. How many cookies would she make on 10^{th} day at this rate?

14. Jenny has rope A (Figure 1). She wants to make a giraffe as in the Figure 2.

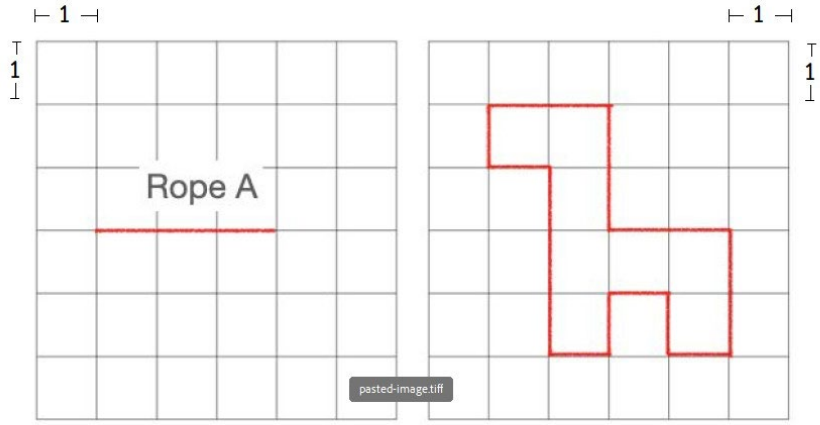
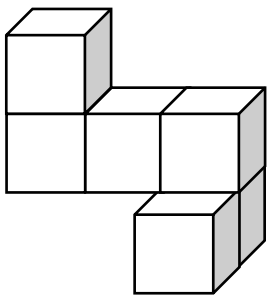


Figure 1 Figure 2

How many rope A does Jenny need?

15. To create the cuboid from the given shape, we need to add more small cubes box into it. What is the least number of cubes that must be added?



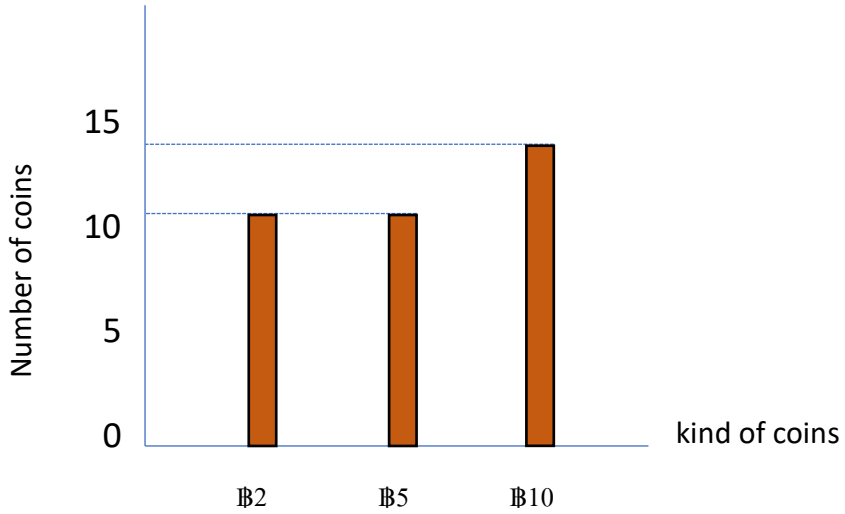
16. Pam is 2 kilograms 280 grams heavier than Pim. Pure is 2 kilograms 500 grams lighter than Pam. Patty is 3 kilograms 825 grams heavier than Pure. Find the weight of Pim if the weight of Patty is 43 kilograms 605 grams. (Answer in kilograms.)

17. Ben poured some water into 4 glasses A, B, C, and D.
Glass A contained twice as much water as glass B.
Glass B contained 2 liters 50 milliliters more than glass C.
Glass C contained 1 liters 600 milliliters less than glass D.
If Glass D contained 3 liters 50 milliliters of water,
how much water was there in glass A? (Answer in liters.)

18. Sandy walked from her house to the market. After that, she walked to the playground and then returned home on the same way covering a total distance of 2 kilometers. The distance from the market to the playground was 548 meters. Find the distance from the market to her house. (Answer in meters.)

19. Amy is passing ball with 3 friends. Andy holds the ball in the beginning. After 3 passes, the ball is based back to Amy.
How many ways are there passing the ball?

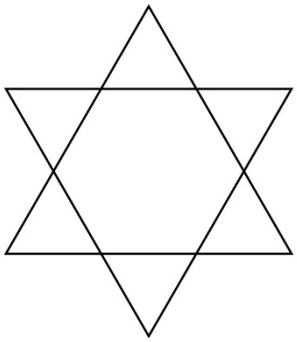
20. Nathan plotted the bar graph of the number of ฿2, ฿5 and ฿10 coins that he had. He had more than one of each kind of coins and the total money is ฿217. How many ฿10 coins does Nathan have?



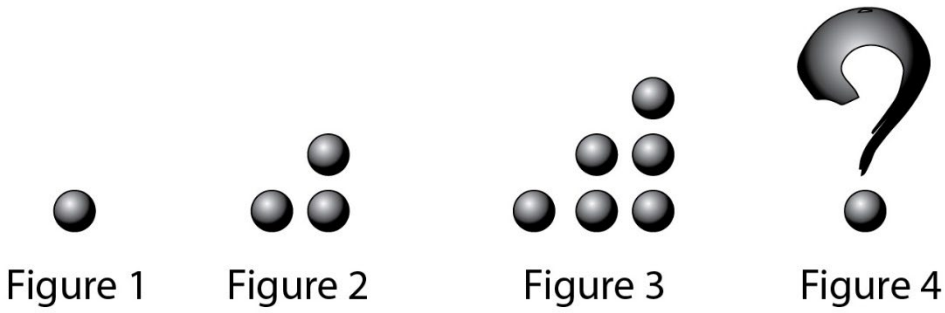
21. Jimmy is waiting in line for his school lunch. He notice that there are 13 people in front of him and 4 other behind him. How many people are in the waiting line altogether?

22. Gina and Jean have the same number of toys. How many toys should Gina give to Jean to have 14 less than Jean?

23.How many triangles are there in the diagram below?



24.From the pattern below, how many circles are there in Figure 4?



25.What is the sum of the first 50 digits in 1 2 3 4 5 6 7 8 9 1 0 1 1 1 2 1 3 1 4 1 5 ... ?

ANSWERS P.3

No.	Answer	No.	Answer
1	126	14	6
2	8	15	12
3	3	16	40
4	625	17	7
5	146	18	452
6	4	19	7
7	3	20	14
8	52	21	18
9	477	22	7
10	23	23	8
11	90	24	10
12	84	25	168
13	41		