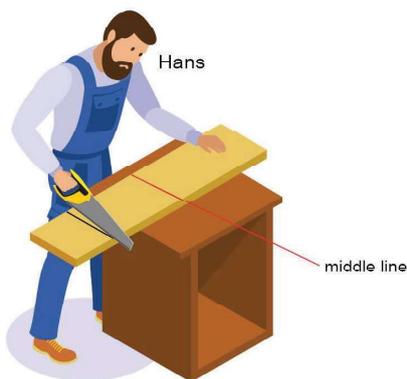


From the 1st container, if 20ml of water is transferred to the 2nd container, and 10 ml of water is transferred to the 3rd container all the containers become half full. How many milliliters of water do they take when the containers are full?

- A) 1st container 140 ml, 2nd container 100 ml, 3rd container 80 ml.
- B) 1st container 120 ml, 2nd container 100 ml, 3rd container 60 ml.
- C) 1st container 140 ml, 2nd container 120 ml, 3rd container 60 ml.
- D) 1st container 120 ml, 2nd container 120 ml, 3rd container 40 ml.



Hans cuts off one-fifth of a board. Then, he realizes that the middle line of the board has shifted 14 cm compared to the first situation. What is the length of the board after cutting?

- A) 82
- B) 112
- C) 140
- D) 180

In which picture is Hansel standing farthest from the house?

A)

B)

C)

D)

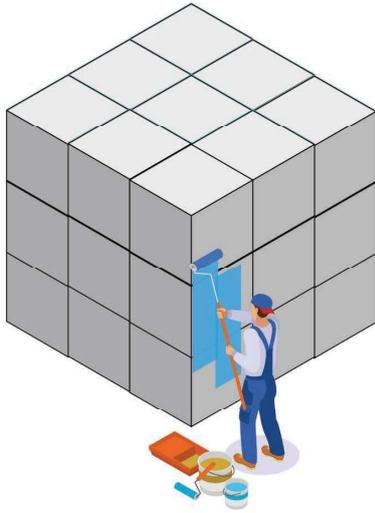


The number of balloons of four classmates are given above.

- Tom has fewer balloons than Victor.
- Mary has more balloons than Victor.
- Peter has the most balloons.

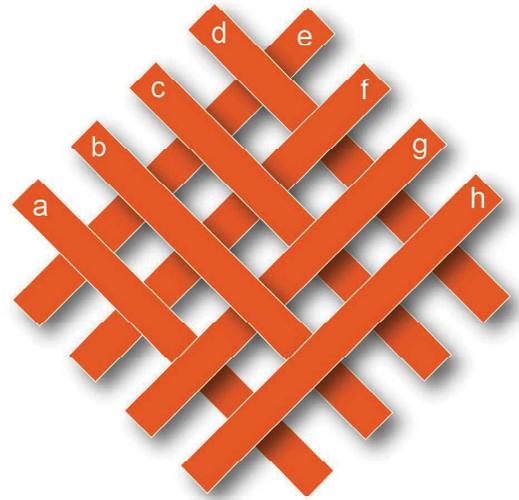
How many balloons does Mary have?

- A) 2
- B) 3
- C) 5
- D) 7



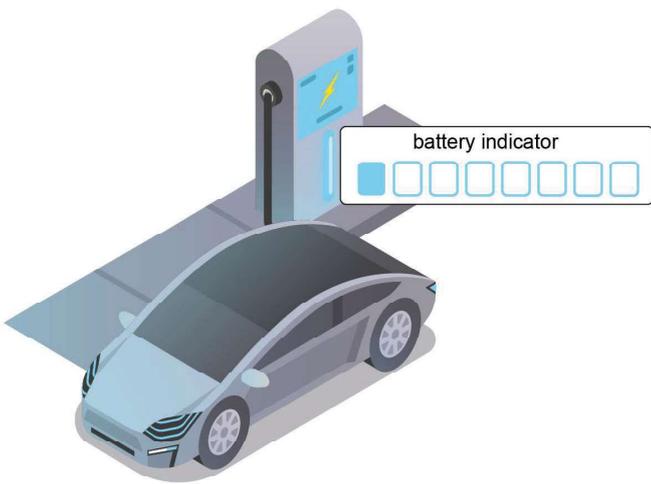
Alexander paints a large cube in blue formed by combining 27 small cubes and fixing to the ground. How many of the small cubes will have at least two faces painted in blue?

- A) 13
- B) 14
- C) 15
- D) 16



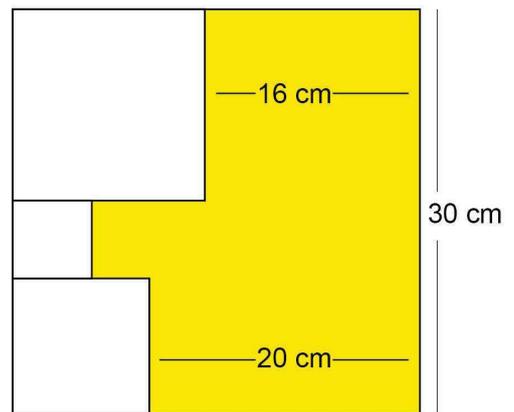
The above figure is obtained by placing the orange strips on top of each other. What are the stripes in the 3rd order from the top and from the bottom?

- A) d-g
- B) a-f
- C) a-g
- D) f-g



Thomas starts driving his electric car with fully charged battery and stops to recharge after driving 154 km. When he plugs the car into the charger, the indicator shows the battery level as seen in the figure. If he charges the battery half-full, how many more kilometers can Thomas drive?

- A) 78
- B) 88
- C) 98
- D) 108



Three squares are drawn inside the large square as seen in the picture. What is the perimeter of the yellow region?

- A) 96
- B) 102
- C) 108
- D) 114



Clara bought 4 kg of pineapple 7 euros per kg and 3 kg of bananas 1 euro per kg from the market. On the way back home, she saw the prices are different on the street seller as given in the picture. Which of the following would be correct if she had bought same amount of fruit from the street seller?

- A) Clara would lose 3 euros.
- B) Clara would save 5 euros.
- C) Clara would save 8 euros.
- D) Clara would pay the same.



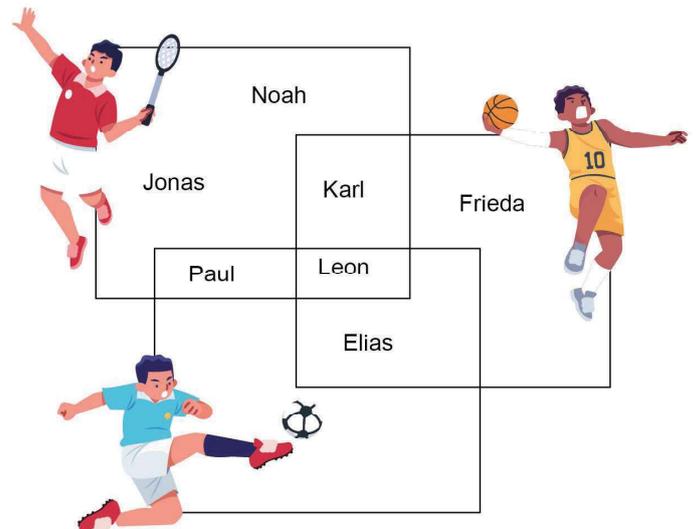
Hans and Tim are friends at work and one day they meet at the gym after work. If Hans goes to the gym every 4 days and Tim goes every 5 days, after how many days will they meet again in the gym?

- A) 16
- B) 17
- C) 18
- D) 20

$$\begin{array}{r}
 \text{S} \text{ T} \text{ E} \text{ M} \\
 + \quad 2 \quad 0 \quad 2 \quad 2 \\
 \hline
 \text{a} \quad \text{b} \quad \text{c} \quad \text{d}
 \end{array}$$

Each letter of the word STEM represents one of the numbers 1, 2, 3, 4, 5, 6, 7, 8, and 9. If the word STEM is the smallest number which is divisible by 6 and 9, what is the value of $a + b + c + d$?

- A) 6
- B) 7
- C) 8
- D) 9



Which of the students does not play in football team while playing in tennis and basketball teams?

- A) Paul
- B) Leon
- C) Elias
- D) Karl