



SAMPLE QUESTIONS

Grades 3-4

1-

What happens when we swap the hundreds and tens digits of the number 6428?

- A) It increases by 180
 - B) It decreases by 180
 - C) It increases by 54
 - D) It decreases by 54
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2-



There are 10 cows, 15 chickens and 5 sheep on a farm. How many legs do these animals have in total?

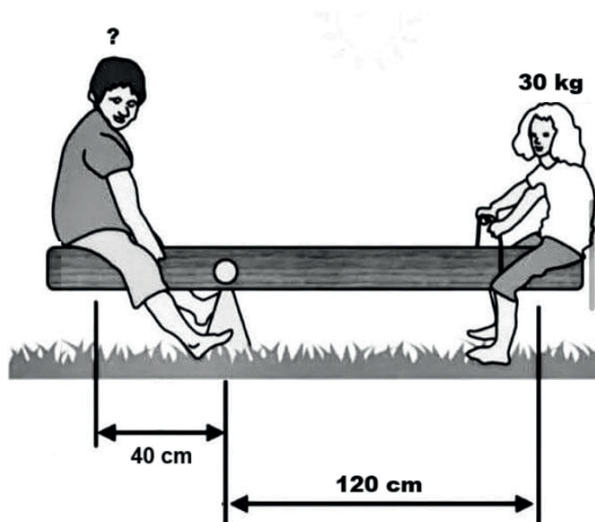
- A) 60
 - B) 90
 - C) 120
 - D) 150
-

3-

What is 4759 rounded to the nearest hundred?

- A) 4600
- B) 4700
- C) 4800
- D) 5000

4-



A seesaw is balanced when both sides have the same "push."

This "push" depends on how heavy someone is and how far they sit from the middle.

If someone is heavier, they need to sit closer to the middle. If someone is lighter, they need to sit farther away.

 **Example:**

A 10 kg box placed 10 metres from the middle can be balanced by a 20 kg box placed only 5 metres from the middle. That's because: $10 \times 10 = 100$ and $20 \times 5 = 100$ — the pushes are equal!

On the right side of a seesaw, a girl who weighs 30 kg is sitting 120 cm from the centre.

On the left side, a boy is sitting 40 cm from the centre.

How heavy should the boy on the left be for the seesaw to stay balanced?

- A) 60 kg B) 70 kg C) 80 kg D) 90 kg

5-



Cora wants to make a 4-digit password for her bank card. She decides to use the first four digits after the decimal point when she writes the fraction $\frac{2}{7}$ as a decimal.

What number will Cora use?

- A) 2857 B) 2875 C) 2758 D) 2587

6-



Cora has the following coins and banknotes in her moneybox:

- Three 20-cent coins
- Four 50-cent coins
- Five €1 coins
- Six €5 notes
- Seven €10 notes

How much money does Cora have in total?

- A) €107.20 B) €107.60 C) €108.00 D) €108.60

7- The input-output table follows a rule:

Input: 2 → Output: 6

Input: 4 → Output: 12

Input: 6 → Output: ?

A) 14

B) 16

C) 18

D) 24

8- Look at the pattern:



What comes next?

A) 

B) 

C) 

D) 

9- How many minutes are there in 540 seconds?

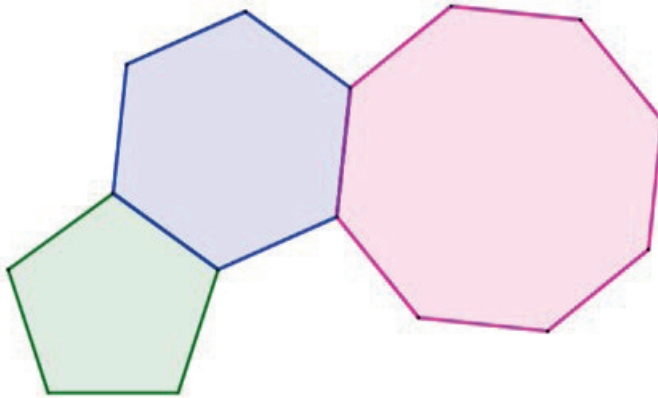
A) 8

B) 9

C) 10

D) 12

10-



All sides of the shapes above are 6 cm long.

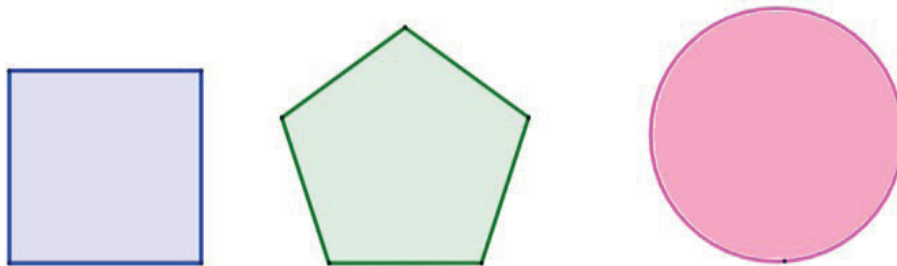
The shapes are a green pentagon, a blue hexagon, and a pink octagon.

Some sides are touching each other.

What is the total length around the whole shape (the perimeter)?

- A) 84 cm
- B) 90 cm
- C) 96 cm
- D) 102 cm

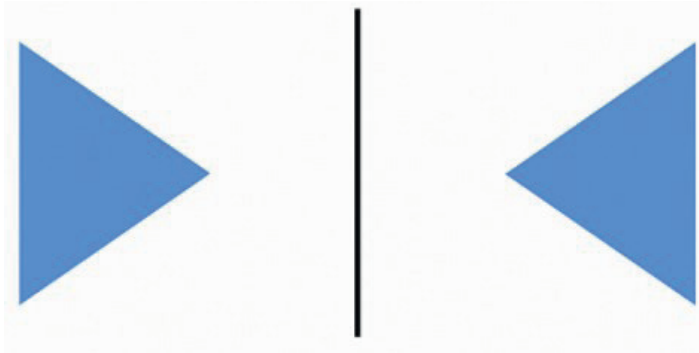
11-



Which shape is missing in the figure above?

- A) Square
- B) Triangle
- C) Circle
- D) Pentagon

12-



Which transformation is shown in the image above?

- A) Translation
- B) Rotation
- C) Reflection
- D) Enlargement

13-

Apples	    
Oranges	      
Bananas	     
Grapes	   

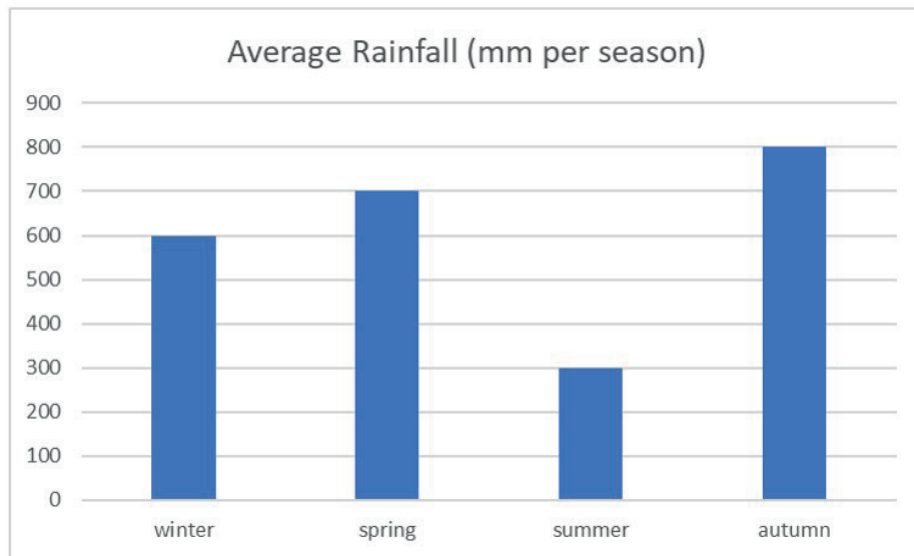
Each basket represents same amount of fruit

According to the pictograph above there are 30 kilograms of bananas.

How many kilograms of oranges are there then?

- A) 20
- B) 25
- C) 30
- D) 35

14-



The bar graph shows the annual average rainfall in a specific area.

Based on the graph, which of the following statements is incorrect?

- A) The driest season in the area is summer
- B) Autumn receives more rainfall than spring
- C) Total rainfall is 2500 mm per year
- D) Winter receives less rainfall than autumn

15-

Which of these must be true?

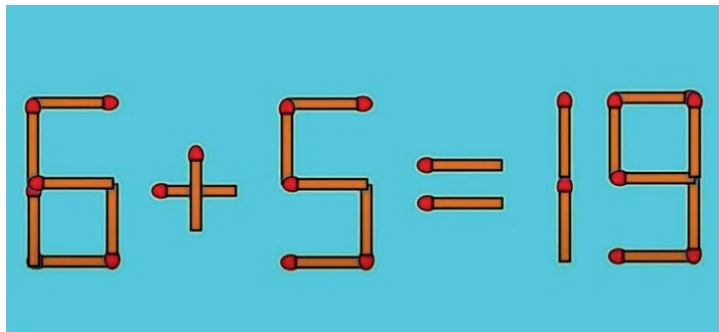
- A) All even numbers end with 5
- B) All rectangles have 3 sides
- C) All squares have 4 sides
- D) All triangles have right angles

16-

Which of the following has a similar meaning to the statement “If it rains, we will cancel the picnic”?

- A) We will have the picnic if it does not rain.
- B) If it does not rain, we will cancel the picnic.
- C) We will cancel the picnic even if it doesn't rain.
- D) It will rain, so we are cancelling the picnic.

17-



By moving only one matchstick, which of the following actions will not make the equation correct?

- A) Take the top-left matchstick from the 9 and place it on the top-right of the 6.
- B) Take the bottom-left matchstick from the 6 and place it on the bottom-left of the 9.
- C) Take the top-right matchstick from the 9 and place it on the top-right of the 5.
- D) Take the vertical matchstick from the plus sign (+) and place it on the equal sign (=) to turn it into a "not equal to" sign ($\neq$).

18-



Diego's football team trains every 4th day. If they have training on a Wednesday, after how many days will their training again fall on a Wednesday?

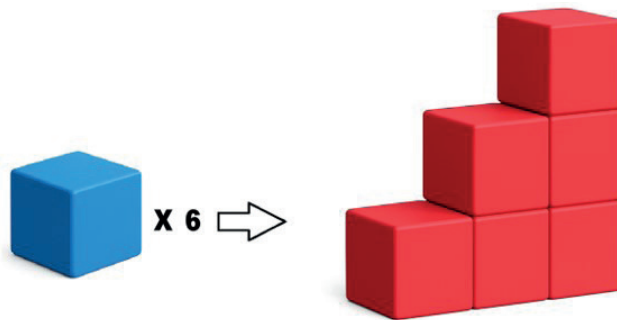
A) 8

B) 12

C) 16

D) 28

19-



Six unit blocks are painted blue, and then assembled into the staircase above. The staircase is then painted red on every visible surface: the top, front, back, and both of the sides, but not the bottom.

When the staircase is disassembled, what total surface area will still be painted blue, among all 6 blocks?

A) 12

B) 15

C) 18

D) 21

20-

$$\text{brownie} + \text{croissant} = \$2.60$$

$$\text{cupcake} + \text{brownie} = \$5.50$$

$$\text{croissant} + \text{cupcake} = \$4.10$$

Above is a list of the purchases and total costs of the last three orders at Café Magnolia. What is the cost of buying a brownie, a croissant, and a cupcake together?

A) \$6.00

B) \$6.10

C) \$6.20

D) \$6.30