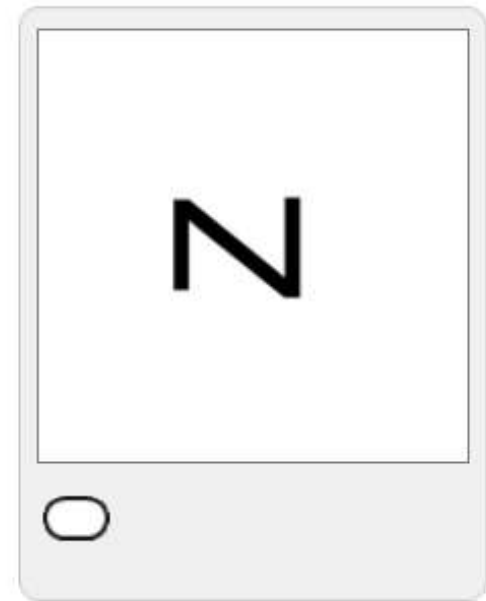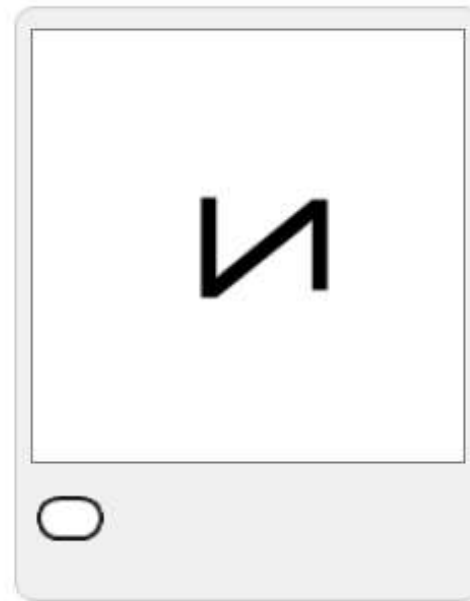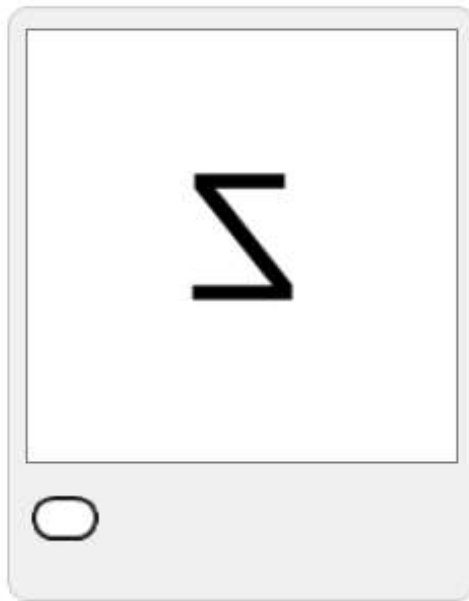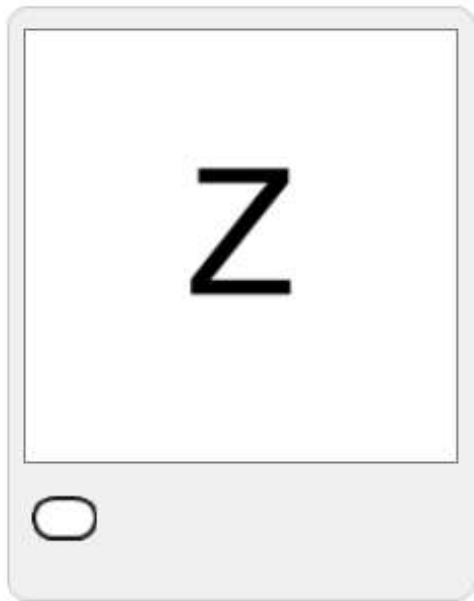Tim flipped the letter **Z** over the first dotted line and then flipped it over the second dotted line.

Z
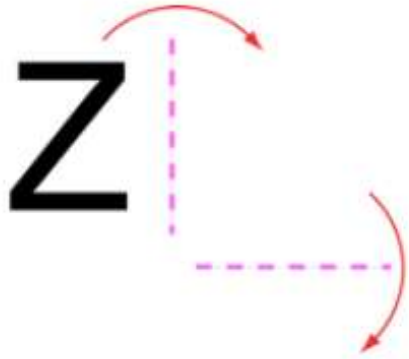
Which of these shows the shape after the second flip?

Z	Ƨ	И	И (reflected)
○	○	○	○

Chloe shaded squares in ascending order on her number chart.

She started with 16 and counted by 4s.

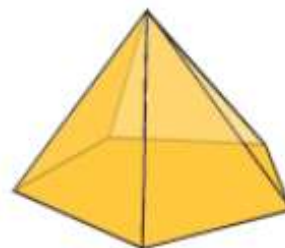| 1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40

What was the next number Chloe shaded?
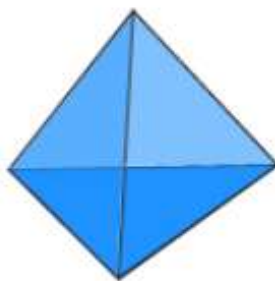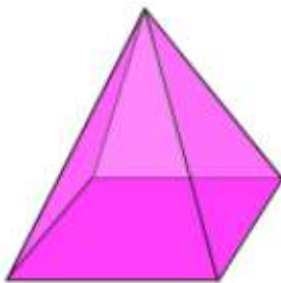
○ 38

○ 40

○ 44

○ 48

Ella drew some solids.

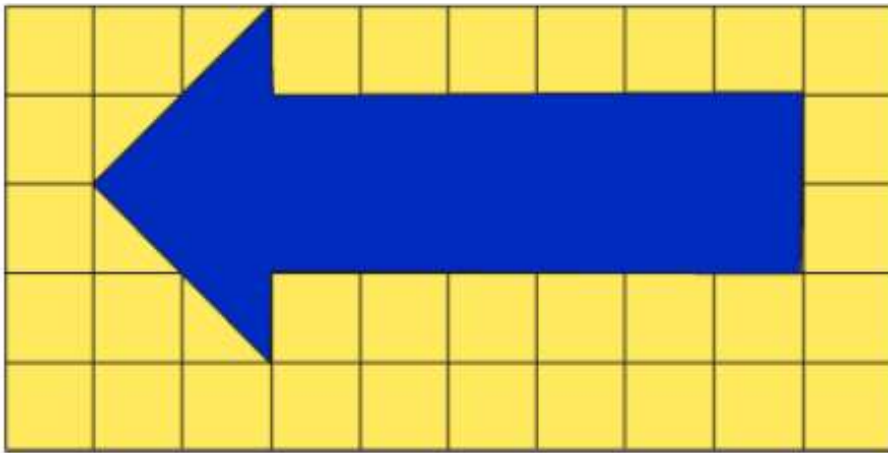

How many pyramids did Ella draw?

- ⬭ 1
- ⬭ 2
- ⬭ 3
- ⬭ 4

The grid shows squares which each have an area of one square unit.

What is the area of the arrow?

- ○ 14 square units
- ○ 16 square units
- ○ 18 square units
- ○ 22 square units

Here is a number: **2074**.
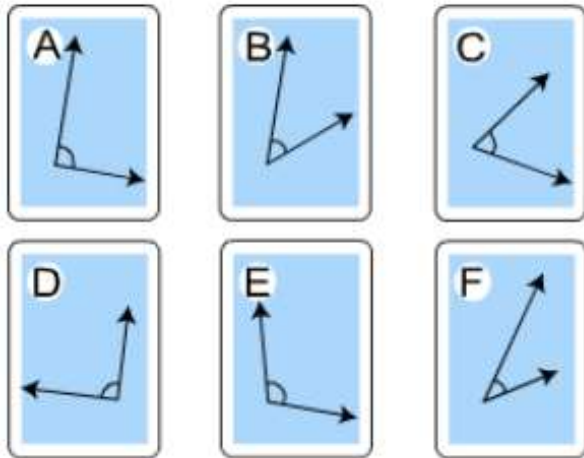
What is this number in words?

- ◯ two hundred and seventy-four

- ◯ two thousand, seven hundred and four

- ◯ two thousand and seventy-four

- ◯ twenty thousand and seventy-four

Here are six cards with angles drawn on them.

Kade selected the cards with right angles.

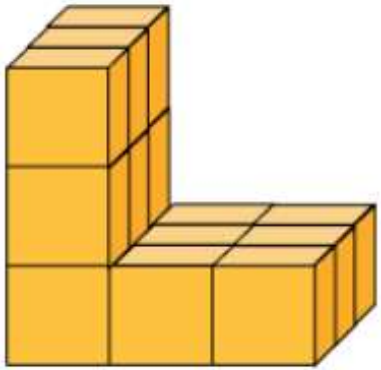How many cards did Kade select?

- ⬭ 2
- ⬭ 3
- ⬭ 4
- ⬭ 5

This prism was made of identical cubes.

How many cubes are in the prism?

○ 15

○ 18

○ 21

○ 27

The students in Figtree School were asked whether they own a mobile phone and an MP3 player.

Students	Boys	Girls
Mobile phone	16	19
MP3 Player	13	24

How many students own a mobile phone?

◯ 32

◯ 35

◯ 43

◯ 72

Mathias is counting by hundreds.

620   720   820   920   ?

Type the next number in the box.

| | Submit |

A pentagon has five sides.

Kristian used two pentagons and several rectangles to make a pentagonal prism.

How many rectangles did he use?

- ⬭ 5
- ⬭ 6
- ⬭ 7
- ⬭ 10

Deepak has $4.25 in his wallet.

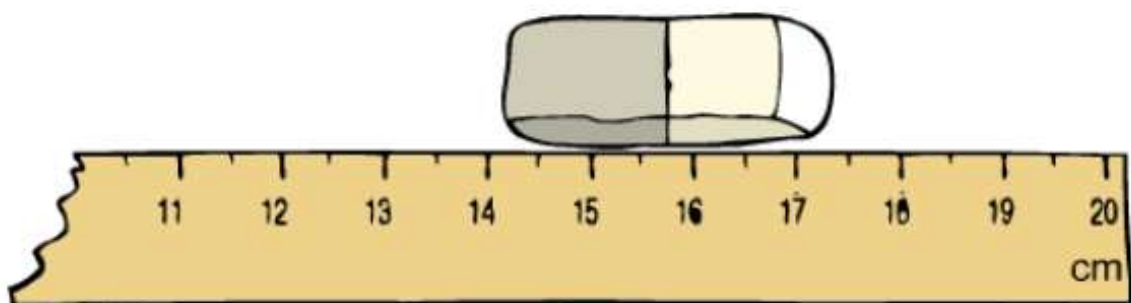He needs 45 cents more to buy a magazine.

What is the cost of the magazine?

Abdul has a ruler that is broken.

He uses a section of the ruler to measure the length of his eraser.

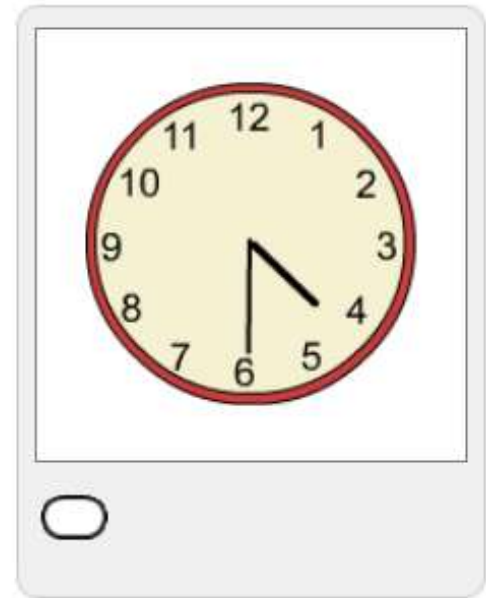Which is closest to the length of his eraser?
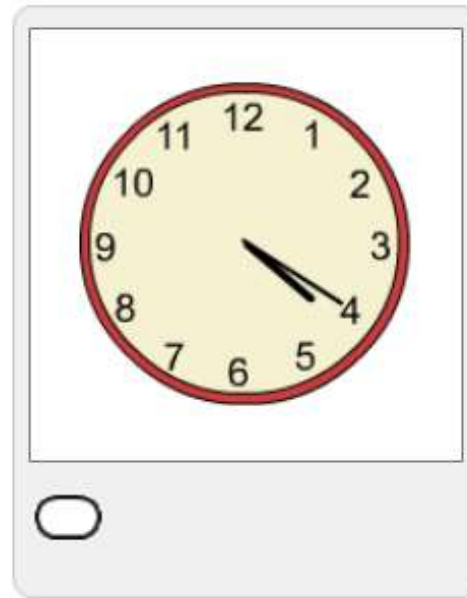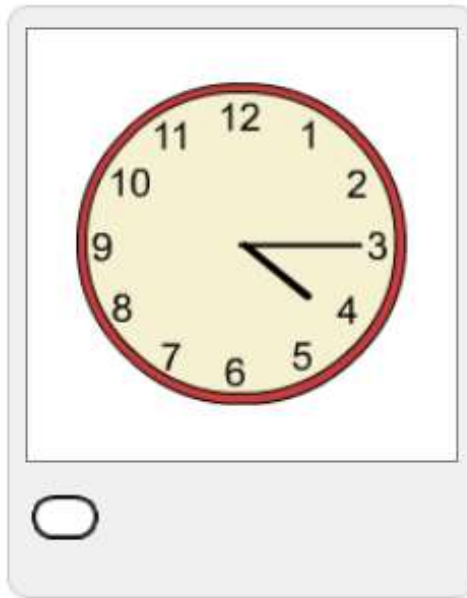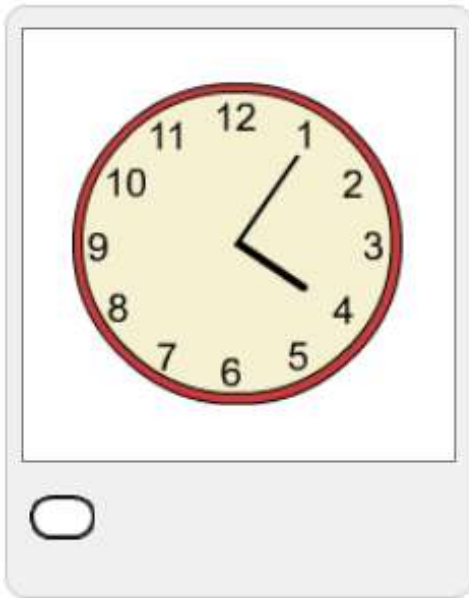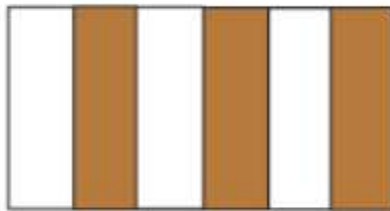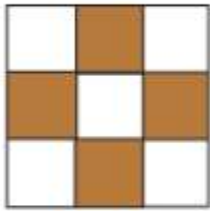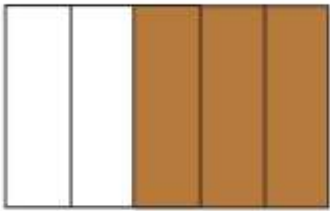
- ○ 14 mm
- ○ 17 mm
- ○ 26 mm
- ○ 32 mm

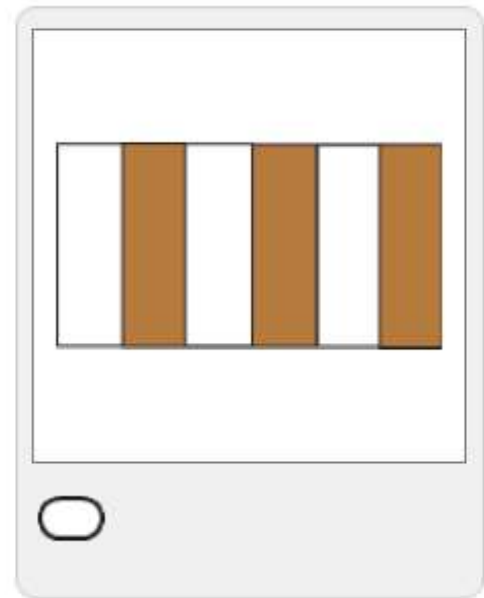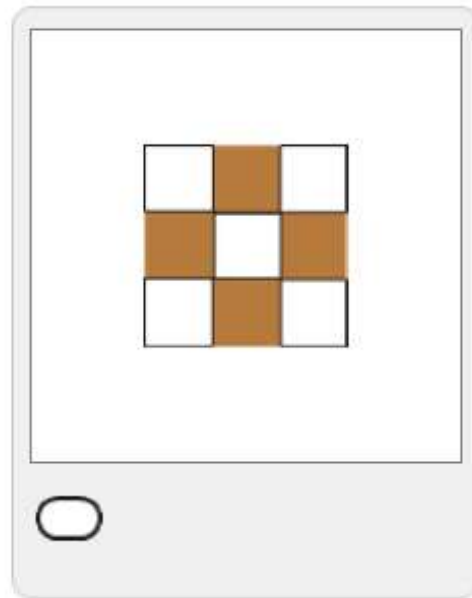As Habib leaves home he notices the time on his clock.

3:55

His soccer training starts in 20 minutes.

Which clock shows the time that training starts?

Which of the diagrams has the largest fraction shaded?
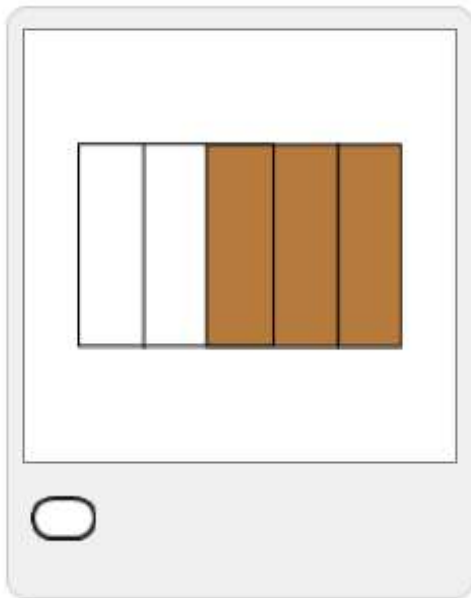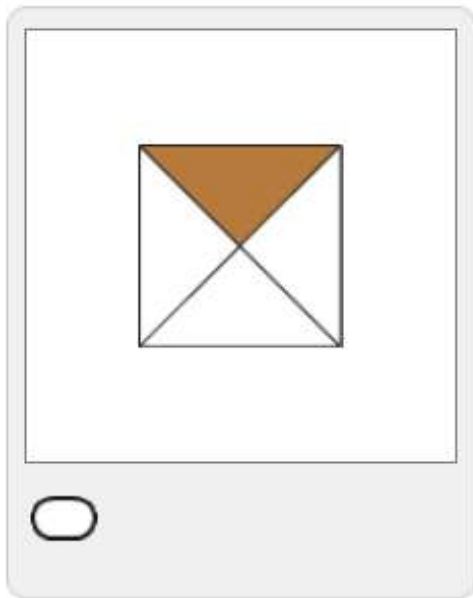
At Christmas, Celia is 10 years old.

Her mother is 26 years older than Celia.

Her grandmother is 32 years older than Celia's mother.

Aunty Joan's age is halfway between Celia's mother and grandmother.

Celia (10)   Mother   Grandmother   Aunty Joan
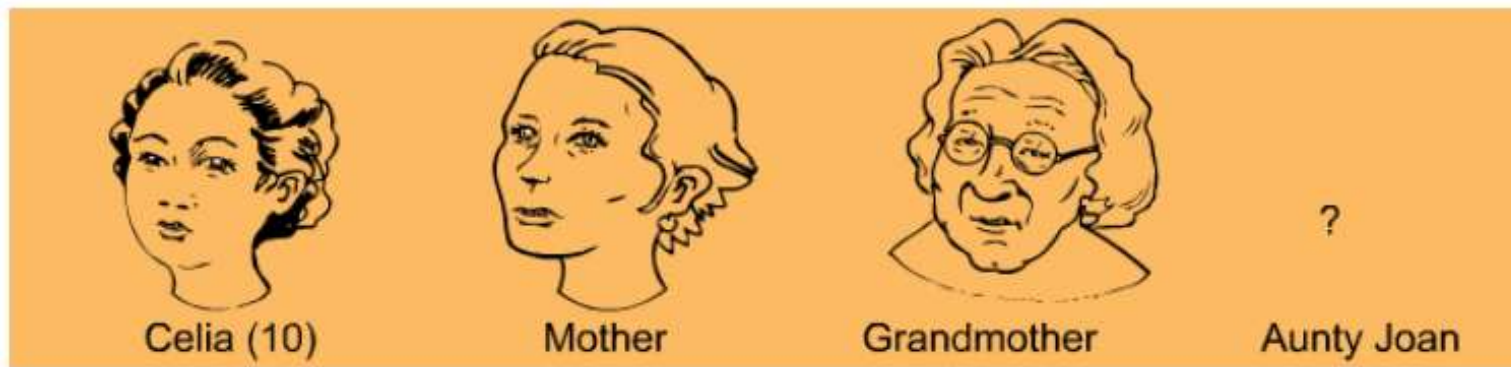
How old is Aunty Joan?

- ◯ 38
- ◯ 42
- ◯ 44
- ◯ 52

A shop advertises pies at '3 for $5'.

What is the most number of pies Donald can buy for $20?

- ⬭ 8
- ⬭ 10
- ⬭ 12
- ⬭ 16

The graph shows the number of different drinks sold at the school canteen in one day.

Number of drinks sold at school canteen in one day
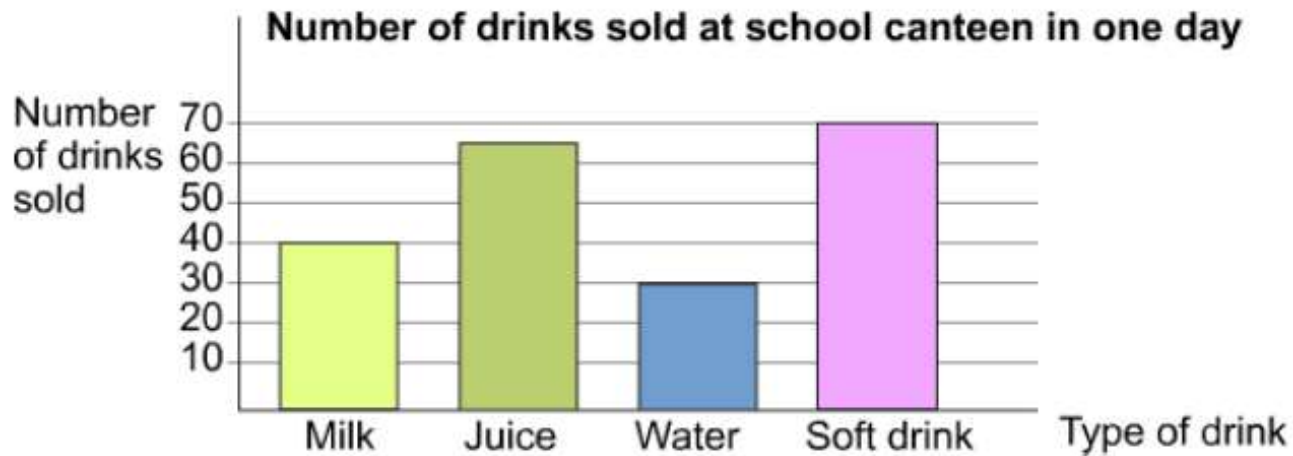
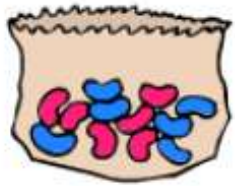Which statement is true?

○ More milk was sold than juice.

○ Less juice was sold than water.

○ More water was sold than milk.

○ Less milk was sold than soft drink.

A bag contains six red jelly beans and six blue jelly beans.

Braithe closes his eyes and takes a jelly bean out of the bag.

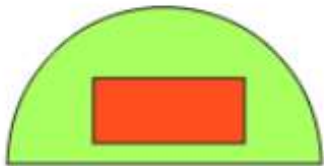How could you describe the chance that the jelly bean is black?

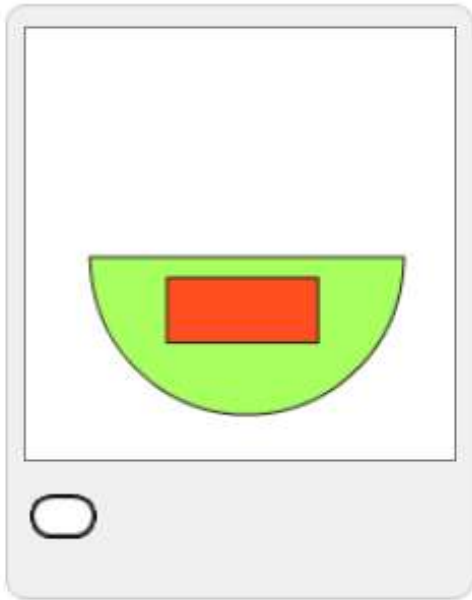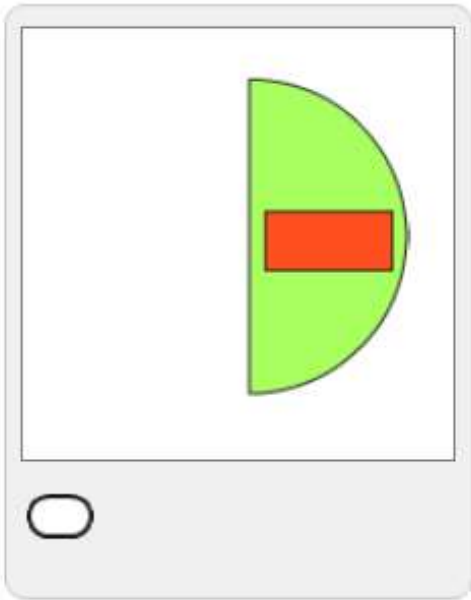| impossible | unlikely | likely | certain |

Michael drew this shape.

The shape is rotated a quarter turn in a clockwise direction.

What is the new shape?
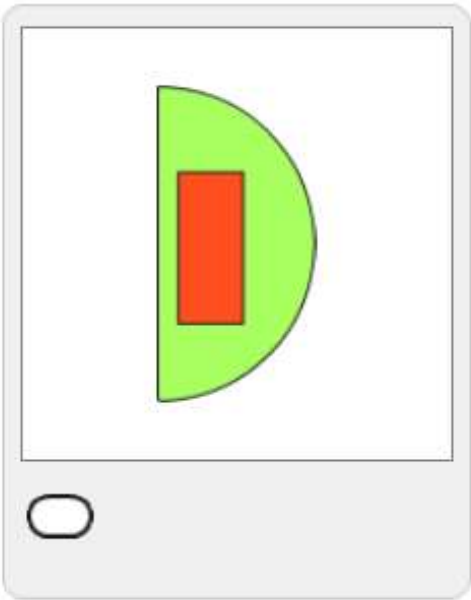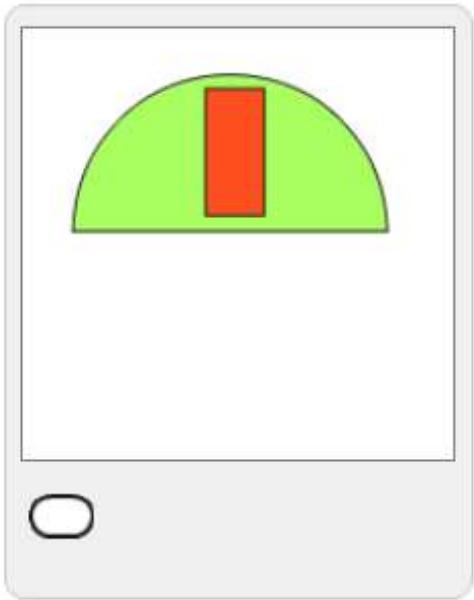
Eddie is completing this table to show the point-score for his two favourite teams in a competition.

Team	Played	Wins	Draws	Losses	Points
Tigers	4	2	1	1	7
Sharks	4				5

Each team earns 3 points for a Win, 1 point for a Draw and 0 points for a Loss.

The Sharks have played 4 games and are on 5 points.

How many draws has the team scored?

	Submit

What is the missing number?

$9 \times 4 = 12 \times \boxed{}$

[|] **Submit**

$5.85 $3.10 $7.05 $3.70
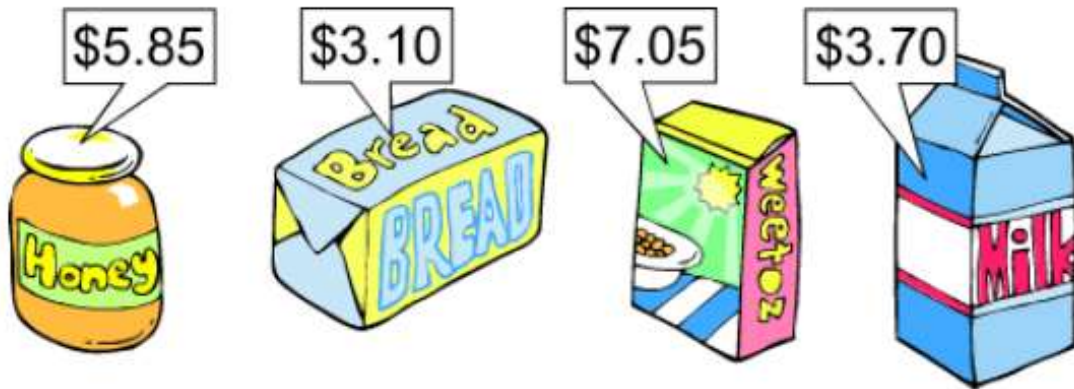
Which would give the best estimate for the total cost of the items?

○ $6 + $3 + $7 + $4

○ $5 + $3 + $7 + $3

○ $6 + $4 + $7 + $4

○ $6 + $4 + $8 + $4

Which number is **larger** than 0.24?

- ⬭ 0.2
- ⬭ 0.1
- ⬭ 0.23
- ⬭ 0.3

14 cm

7 cm   Not to scale

5 cm

6 cm

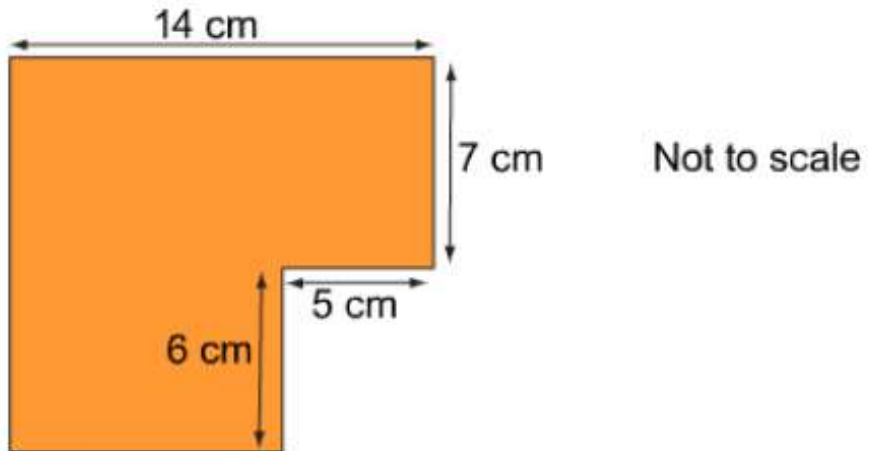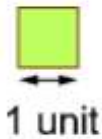What is the perimeter of this shape?
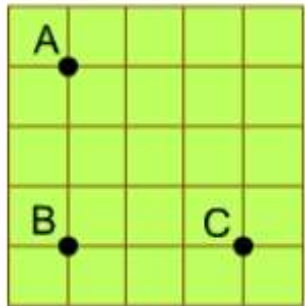
○ 32 cm

○ 38 cm

○ 45 cm

○ 54 cm

A map is drawn on a grid made from squares of side length 1 unit.

1 unit

Scale: 1 unit = 100 m

Lisa refers to the map to travel from A to B then to C.

Using the scale, how far did Lisa travel?

- ○ 60 m
- ○ 400 m
- ○ 600 m
- ○ 1 km

$$35.2 \div \boxed{} = 3.52$$
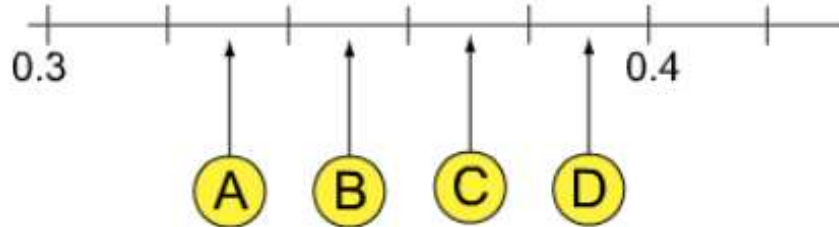
What is the missing number?

- ○ 10
- ○ 100
- ○ 1000
- ○ 10 000

A number line is drawn and four arrows point to different values on the number line.

Which arrow is closest to 0.35?

A

B

C

D

Today is Thursday, 25 September.

Bianca's grandmother arrives from overseas on 10 October.

September						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

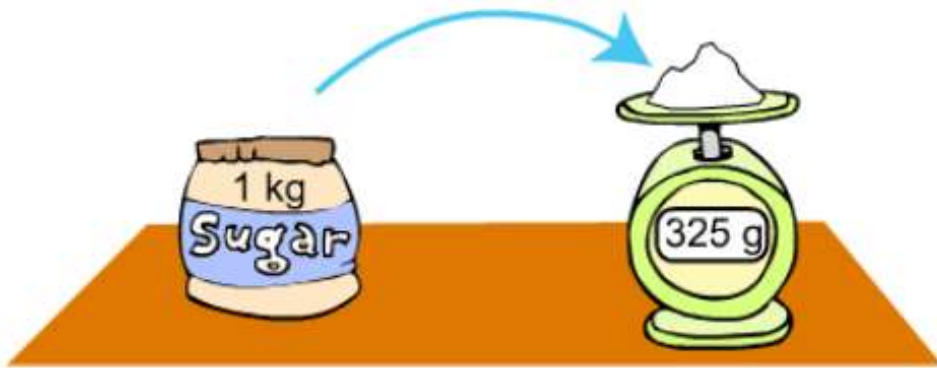Which day of the week is 10 October?

○ Thursday   ○ Friday   ○ Saturday   ○ Sunday

A 1-kg packet of sugar is opened and some sugar is poured onto a set of scales.
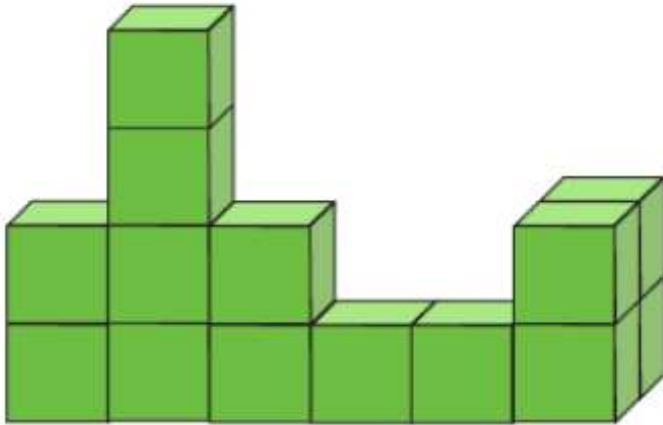

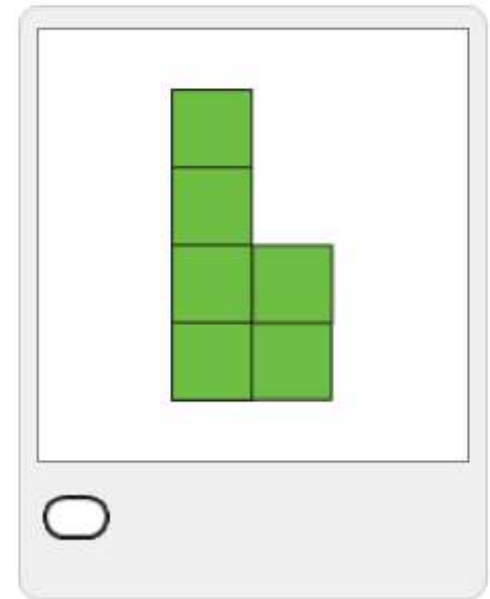What mass of sugar remains in the packet?
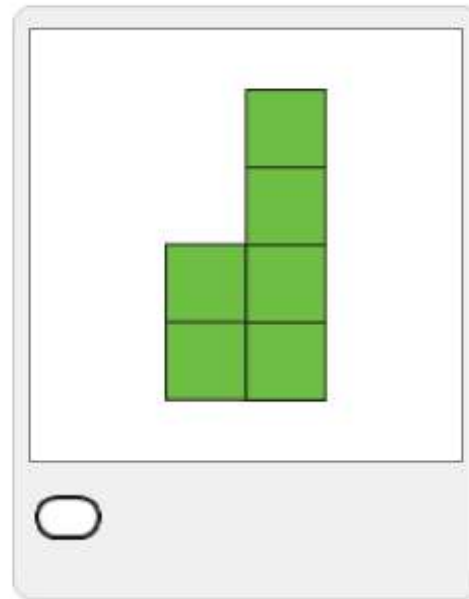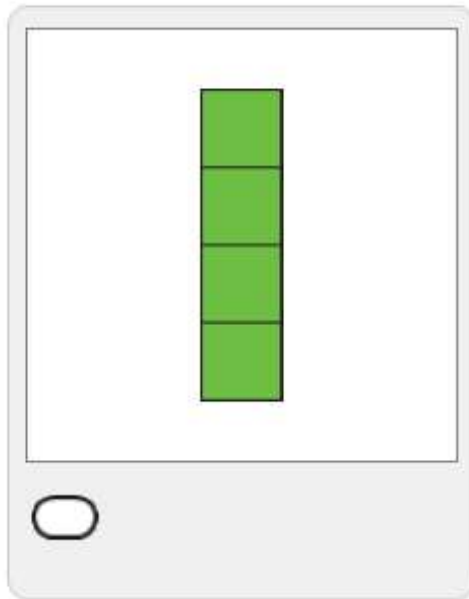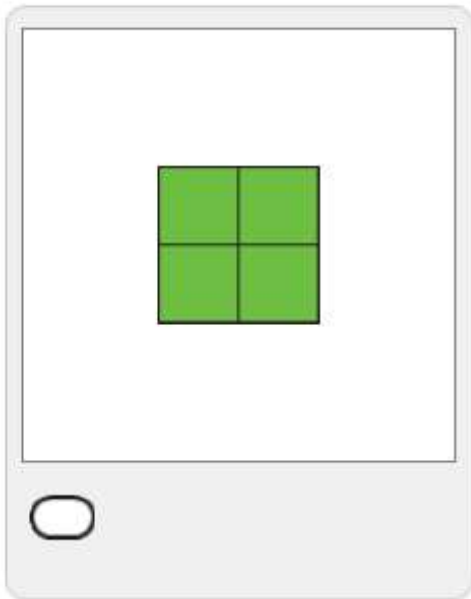
- ⬭ 625 g
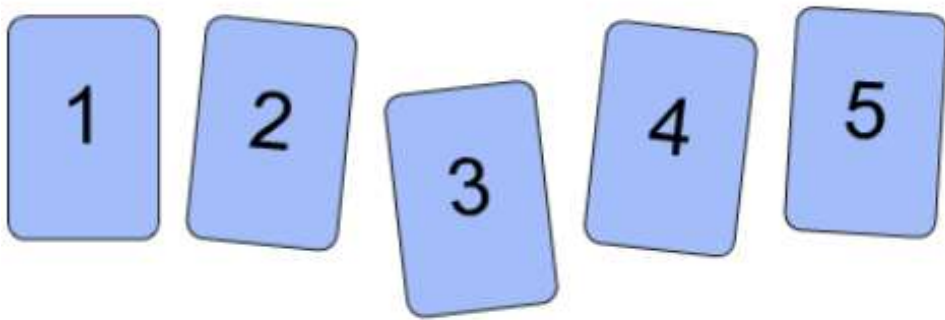- ⬭ 675 g
- ⬭ 725 g
- ⬭ 775 g

The diagram shows an object that has been built using 14 identical cubes.

What is the view from the left side?

The numbers 1, 2, 3, 4 and 5 are written on identical cards and placed in a bag.

If a card is chosen from the bag, what is the chance that it is an odd number?

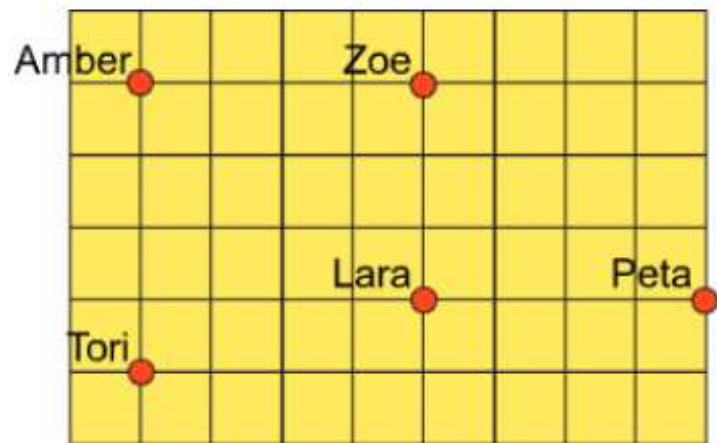○ even chance

○ 2 out of 3

○ 2 out of 5

○ 3 out of 5

The homes of five classmates have been marked on the grid.

Who lives closest to Lara?

- ⬭ Zoe
- ⬭ Amber
- ⬭ Peta
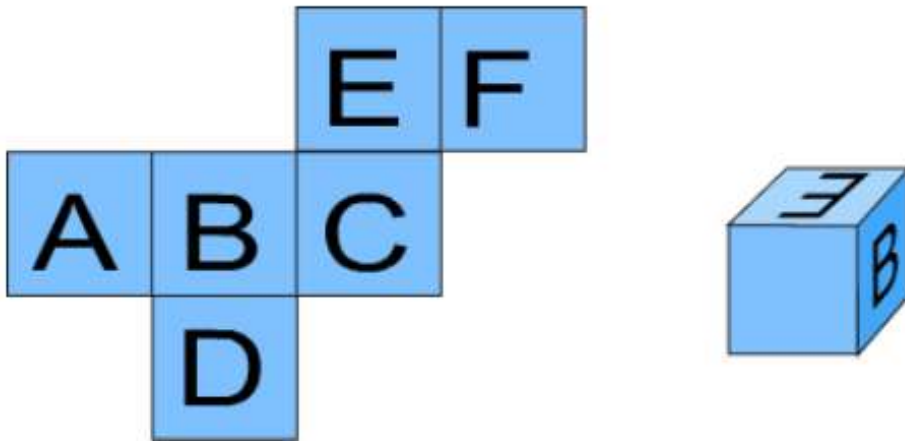- ⬭ Tori
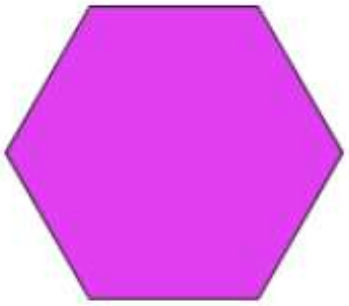
What is the name of the shape?

- ⬭ pentagon
- ⬭ hexagon
- ⬭ octagon
- ⬭ decagon

This net is used to make a cube.

Which letter is on the front face of the cube?

○ A

○ C

○ D

○ F

$$\begin{array}{r} 3\ 5\ 8 \\ +\ 2\ \square\ 3 \\ \hline 6\ 3\ 1 \end{array}$$

What digit is missing?

- ○ 2
- ○ 3
- ○ 7
- ○ 8

How many times does 5 divide into 5045?

- ○ 19
- ○ 109
- ○ 190
- ○ 1009

Hillary joined one square to another square of the same size.

Together the squares made a rectangle.

and makes

She then joined one pentagon to another pentagon of the same size.
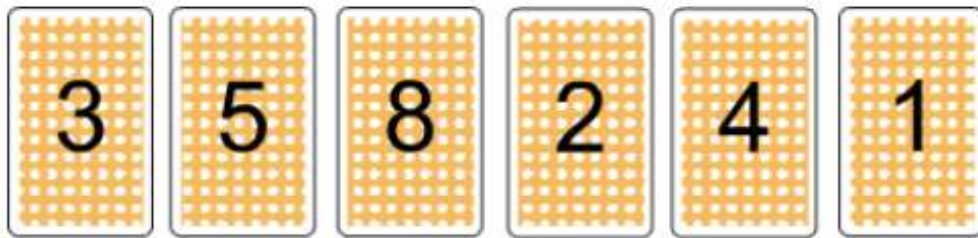
 and makes ?

What is the name of Hillary's new shape?

O parallelogram

O hexagon

O octagon

O square

Melina had these cards with numbers written on them.

| 3 | 5 | 8 | 2 | 4 | 1 |

She used four of these cards to make an odd number.

What is the **smallest** odd number Melina can make?

| | Submit |

Serna is given an allowance of $12 per week.

She draws a graph to show what she will do with the money.

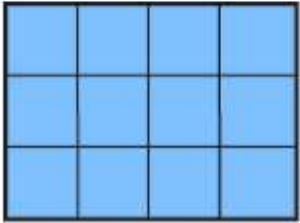About how much money will Serna save each week?

- ○ $1.50
- ○ $3
- ○ $6
- ○ $8

A rectangle is drawn on grid paper.

The perimeter of the rectangle is 14 units.

If the length of each side of the rectangle is doubled, what will happen to the area?

○ The area will remain the same.

○ The area will be multiplied by two.

○ The area will be multiplied by three.

○ The area will be multiplied by four.