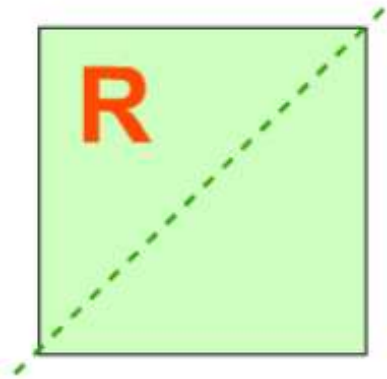
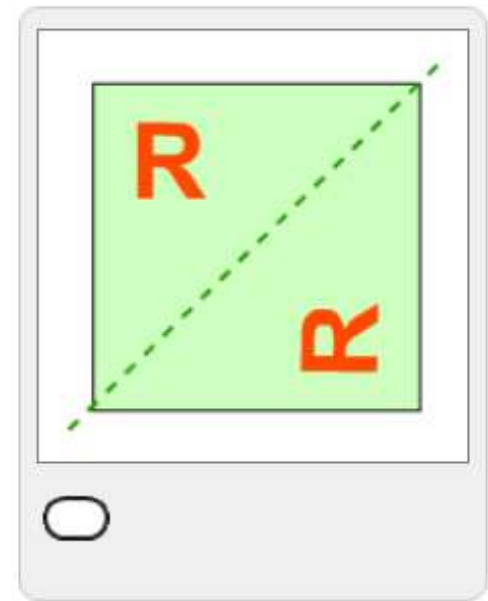
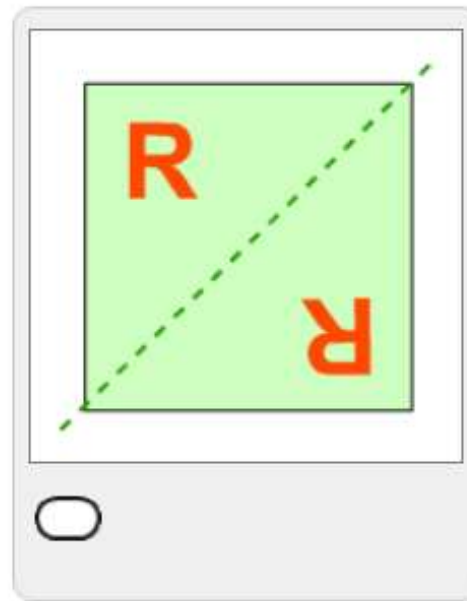
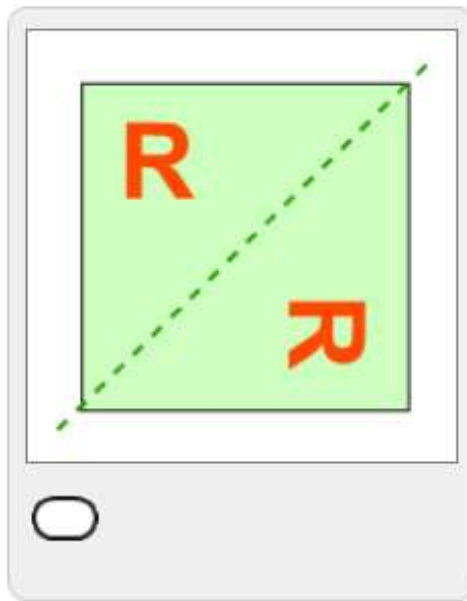
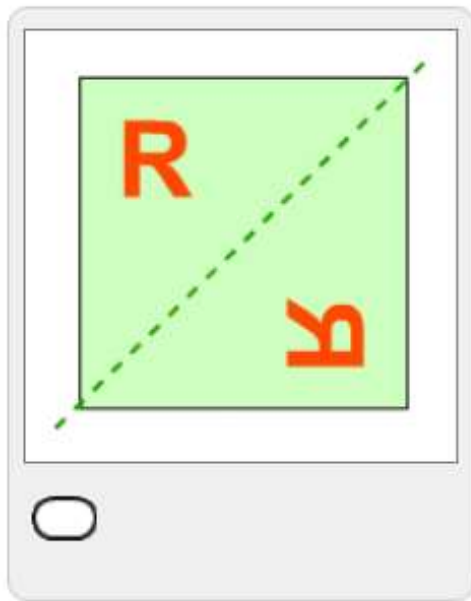


Enoch painted the letter **R** on one half of a square.  
Before the paint could dry, he folded the square along the dotted line.



Which diagram shows Enoch's square?



Hayden has 138 marbles to give away. He shares them between his friends by giving them between 18 and 23 marbles each.

---



How many of his friends received marbles?

☐ 7

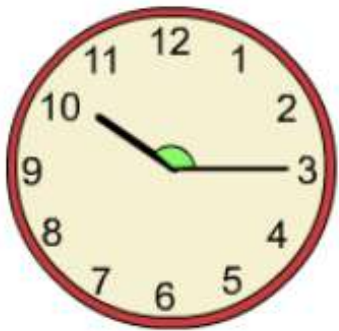
☐ 8

☐ 9

☐ 10

The hands of a clock make an angle.

---



At which time would the hands form a right angle?

☐ 6:00

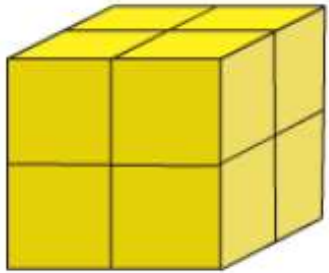
☐ 9:15

☐ 3:00

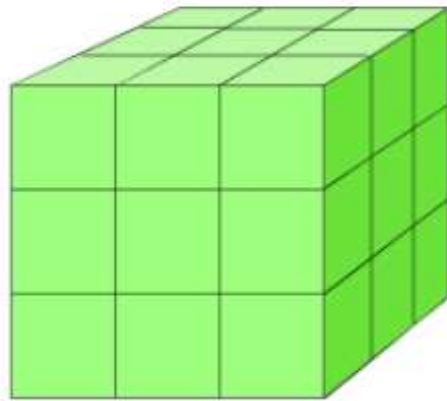
☐ 6:20

These prisms are formed using small identical cubes.

---



Prism 1



Prism 2

How many more cubes are in Prism 2 than in Prism 1?

☐ 8

☐ 19




☐ 23

☐ 27

The diagram shows a hundreds chart.

Kai placed four small discs in a counting pattern starting at 9.

---

1	2	3	4	5	6	7	8		10
11	12	13	14	15	16	17		19	20
21	22	23	24	25	26		28	29	30
31	32	33	34	35		37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Which number will Kai cover with his 10th disc?

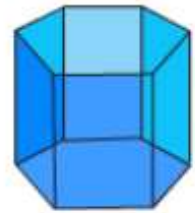
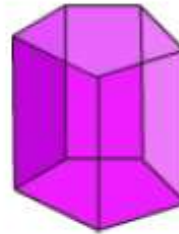
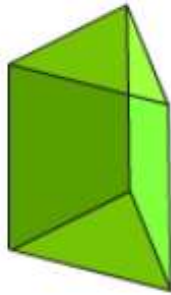
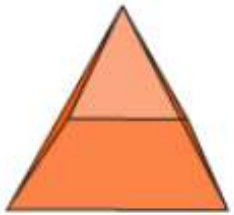
☐ 90

☐ 91

☐ 92

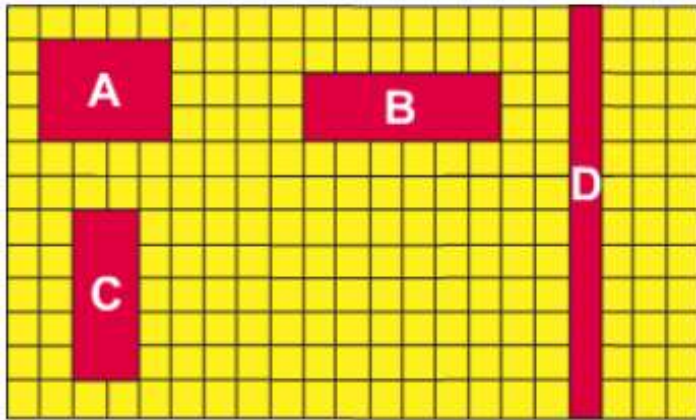
☐ 99

Which of the following solids is not a prism?



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

On the grid Reece has drawn four rectangles.



Which rectangle has the smallest area?

☐ A

☐ B

☐ C

☐ D

$$76 \div 4 = \boxed{?}$$

What is the answer to the question?

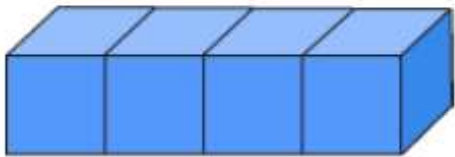
☐ 16

☐ 17

☐ 18

☐ 19

Halle glues four cubes together in a line.



When she looks at the line of cubes from all views she counts 18 cube faces (squares).

If Halle glued **six** cubes together, how many cube faces (squares) would she count?

☐ 26

☐ 32

☐ 36

☐ 48

Some Year 5 students were surveyed about their favourite drinks.

Drink	Males	Females
Milk	4	3
Water	3	7
Soft drink	8	5
Juice	6	4

How many students were surveyed?

☐ 19

☐ 21

☐ 30

☐ 40

Amber's pattern has five numbers.

738, 728, \_\_\_\_\_, 708, \_\_\_\_\_

Which two numbers are missing from her pattern?

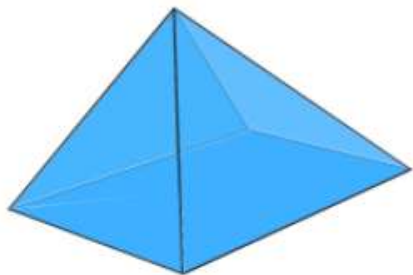
☐ 720 and 700

☐ 710 and 690

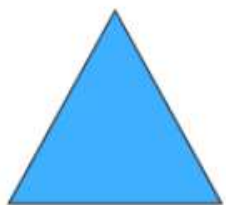
☐ 718 and 698

☐ 718 and 608

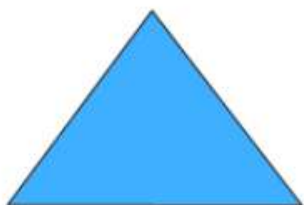
Laurie made this solid.



He drew its front and side views.

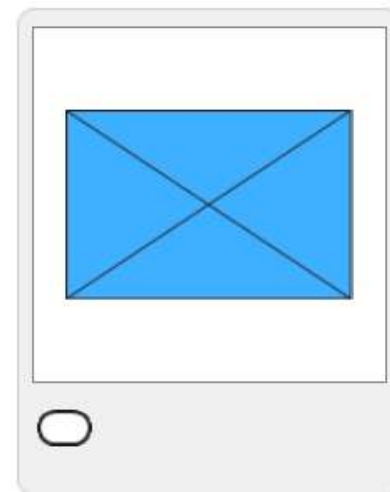
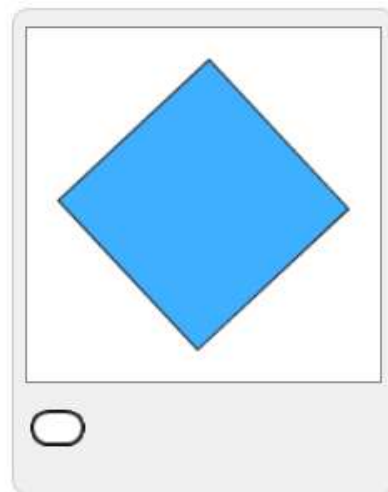
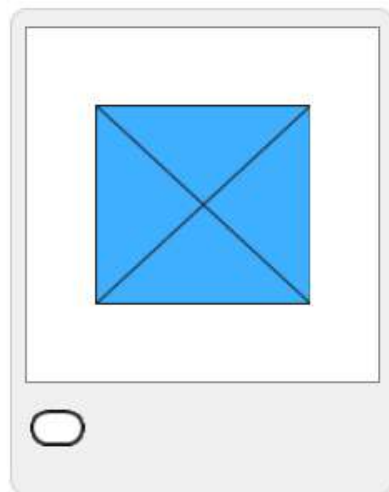
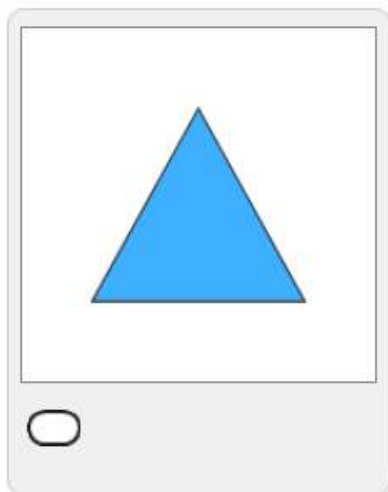


Front view



Side View

Which is the top view of the solid?



This is the menu at Sarah's school canteen.

<b>Canteen</b> 	<b>Sandwiches</b>	
	Tomato	\$1.10
	Cheese	\$1.40
	Salad	\$1.80
	<b>Fruit</b>	
	Apple	\$0.70
	Banana	\$0.70
	<b>Drinks</b>	
	Juice	\$1.20
	Water	\$1.10
	Milk	\$1.30

Sarah buys a tomato sandwich, an apple and a juice.

How much will the items cost altogether?

☐ exactly \$2.00

☐ exactly \$3.00

☐ more than \$2.00, but less than \$3.00

☐ more than \$3.00

This is Cooper's growth chart.

Age (years)	8	9	10	11	12	13	14	15	16
Height (cm)	118	125	131	137	144	147	154	166	171

Between which two ages did Cooper grow the fastest?

☐ 11 and 12

☐ 12 and 13

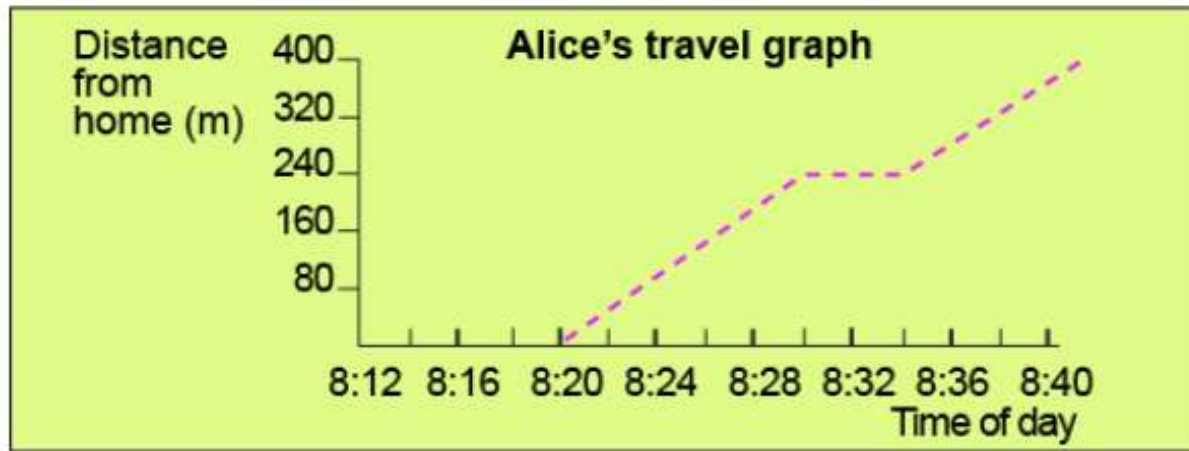
☐ 13 and 14

☐ 14 and 15

This graph shows Alice's journey to school.

She left home at 8:20 am and later stopped at her friend's home.

Alice then walked to school with her friend.



How long did Alice stop at her friend's home?

☐ 1 minute

☐ 4 minutes

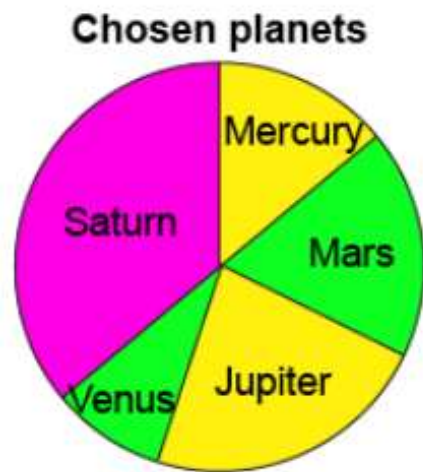
☐ 6 minutes

☐ 8 minutes

Students in Year 5 were asked to choose a planet for a project.

The students could choose from these planets: Mercury, Venus, Mars, Jupiter and Saturn.

This graph shows the number of students who chose each planet.



35 students chose Jupiter.

About how many students are in Year 5?

☐ 50

☐ 100

☐ 150

☐ 200

Mira ran in the 200-m race at her school's sports carnival.  
In the race, the first four places were timed.  
The picture shows the stopwatches from the four timekeepers.

00:29:56

00:27:21

00:28:52

00:26:06

Mira came first and was timed at 26.06 seconds.  
What is the difference between second- and third-place times?

☐ 1.04 seconds

☐ 1.31 seconds

☐ 2.46 seconds

☐ 3.50 seconds

Jon has five blue balls and five white balls.

He places four of the balls in a bag.

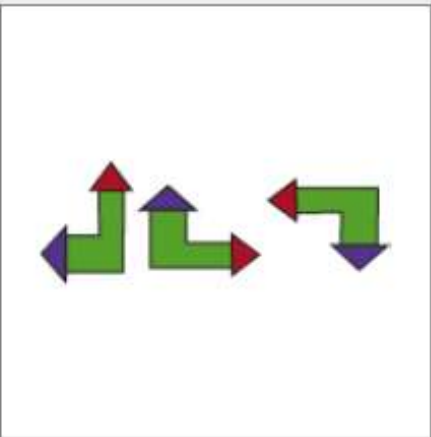
When a ball is chosen from the bag it is more likely that it is a white ball than a blue ball.

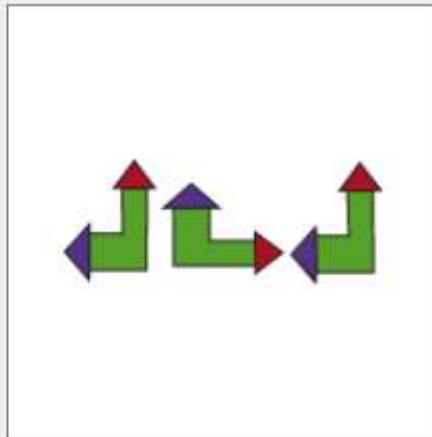
Which of the following could be in Jon's bag?

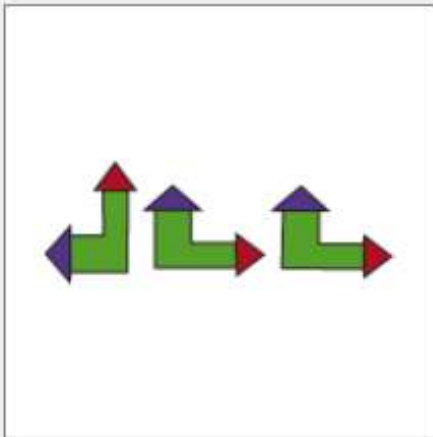


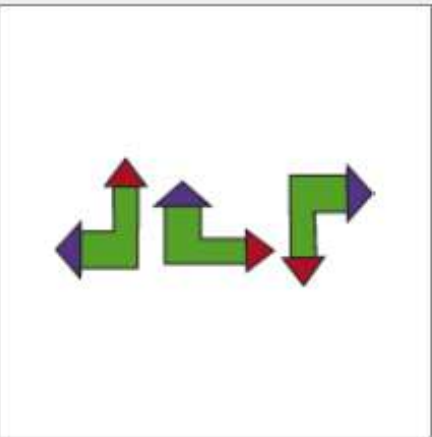
An arrow is rotated a quarter turn in a clockwise direction and then a half turn in a clockwise direction.

Which diagram is correct?

☐

☐

☐

☐

Given that  $84 = 1344 \div 16$ , which one of the following is true?

☐  $1344 = 16 \div 84$

☐  $1344 = 84 \times 16$

☐  $84 = 1344 \times 16$

☐  $16 = 84 \times 1384$

A family of four went to a restaurant for a meal.  
The menu listed the meals available.

<i>Menu</i>	
<i>Chicken schnitzel.....</i>	<i>\$18.20</i>
<i>Lasagna.....</i>	<i>\$12.30</i>
<i>Fisherman's basket.....</i>	<i>\$27.95</i>
<i>Pepper steak.....</i>	<i>\$21.90</i>

Each of the four people chose a different meal.  
Which of the following is the best estimate for the total cost of the meal?

☐  $\$20 + \$10 + \$20 + \$20$

☐  $\$10 + \$10 + \$20 + \$20$

☐  $\$20 + \$10 + \$30 + \$20$

☐  $\$20 + \$20 + \$30 + \$30$



Bottles of water can be purchased from the supermarket in cartons of 24 bottles.

There are 4 people in Mrs Coates's family and each person drinks 2 bottles of water each day.

How many cartons of bottles will need to be bought to last 6 days?

☐ 1

☐ 2

☐ 4

☐ 6



Goran wrote down four decimals: 4.123, 4.132, 4.32, 4.2.

Which of the decimals is the smallest?

☐ 4.123

☐ 4.132

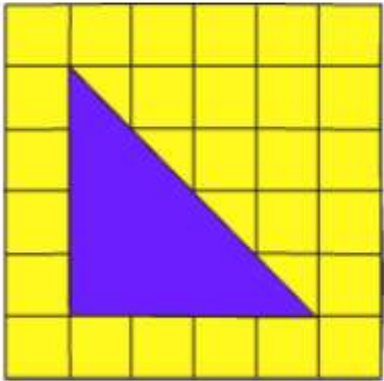
☐ 4.32

☐ 4.2

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

Akira drew a triangle on the grid and shaded it.

---



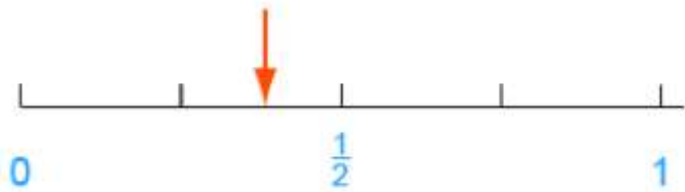
What is the area of Akira's triangle?

☐ 6 square units

☐ 7 square units

☐ 8 square units

☐ 16 square units



A number line is drawn from 0 to 1.

Sachio uses an arrow to point to a fraction.

What is the fraction that Sachio is pointing to?

$$\frac{1}{8}$$



$$\frac{2}{8}$$



$$\frac{3}{8}$$



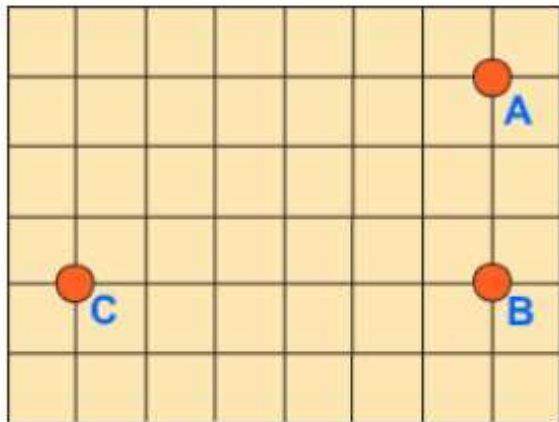
$$\frac{4}{8}$$



A map is drawn to locate three towns named A, B and C.

The map uses a scale of **1 unit = 5 km**.

Ethan plans to drive from A to B and then to C.



How far will Ethan travel in the journey?

☐ 9 km

☐ 30 km

☐ 40 km

☐ 45 km

Elias completed this number sentence.

$$7.432 \times \boxed{\phantom{000}} = 743.2$$

What is the missing number?

**Submit**

A family is planning to hold a barbecue in June and all members of the family will attend.

June						
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				

- John can only attend on the weekend.
- Nick and Helen arrive home from Europe on the 11 June.
- Brianna is in Adelaide from the 24 June to 2 July.
- Dad plays golf every Sunday.
- Laura has a netball gala day on 13 June.

When can the family barbecue be held?

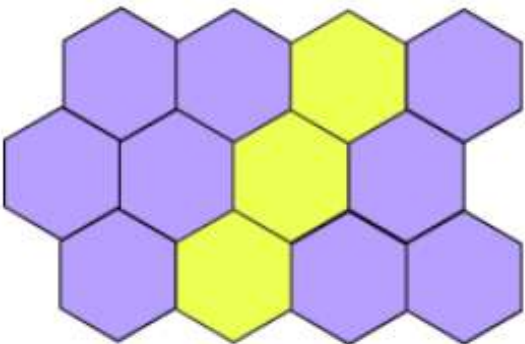
☐ 20 June

☐ 27 June

☐ 14 June

☐ 6 June

This shape is made from hexagons.



What fraction of it is yellow?

$\frac{1}{3}$

☐

$\frac{1}{4}$

☐

$\frac{3}{8}$

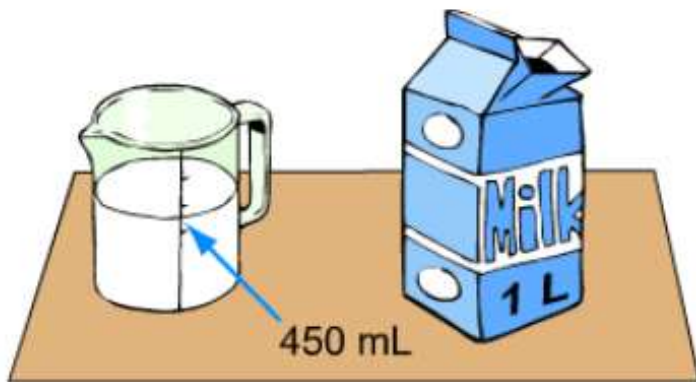
☐

$\frac{1}{6}$

☐

Sienna buys a 1-L carton of milk from the supermarket.

When she opens the carton, she pours some of the milk into a measuring jug.



How many mL of milk remains in the carton?

Submit

Liam tossed a \$2-coin 49 times and the results are shown in the table.

Outcome	Number
Heads	23
Tails	26



Liam now tosses the coin for the 50th time.

How could you describe the chance that it will land as a head?

☐ certain

☐ unlikely

☐ likely

☐ fifty-fifty



A bakery uses bags of flour each with a mass of 20 kilograms.

Every loaf of bread requires 400 grams of flour.

If the bakery needs to make 100 loaves, how many bags of flour are needed?

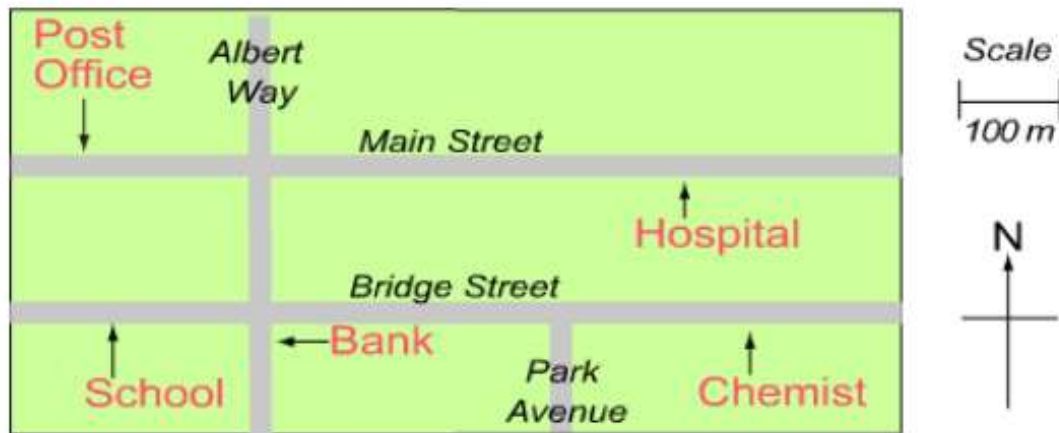
☐ 10

☐ 5

☐ 4

☐ 2

Shahad walked from the post office to the bank.  
She walked along Main Street and turned into Albert Way.



About how far did Shahad walk?

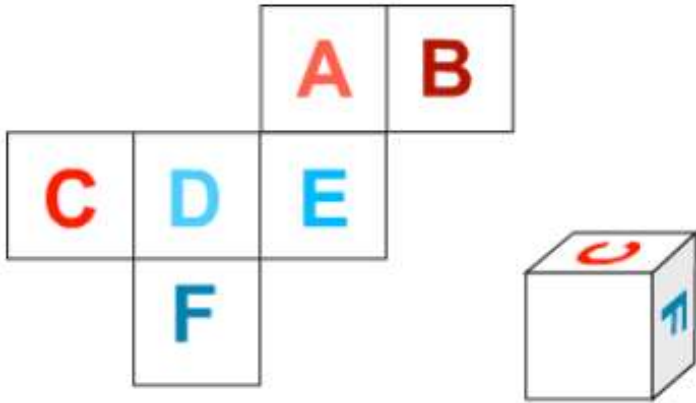
☐ 400 m

☐ 800 m

☐ 4 km

☐ 8 km

Anne forms a cube using this net.



When she places the cube on her desk, the letter C is on the top face and the letter F on the face on the right.

Which letter is missing from the front of the cube?

☐ A

☐ B

☐ D

☐ E

$$\begin{array}{r} 4 \square 3 \\ + 368 \\ \hline 821 \end{array}$$

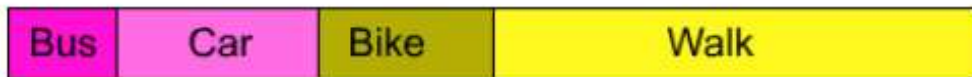
What is the missing digit that will make this addition correct?

Submit

The graph is used to record the way 400 students travelled to school today.

---

**Travelling to school**



About how many students walked to school?

☐ 50

☐ 100

☐ 200

☐ 350

$35 \times 71$  and  $35 \times 72$

What is the difference between the answers to these two multiplications?

☐ 35

☐ 36

☐ 7

☐ 72

Outback Highway (km)	
Sawyer's Gully	11
Cliffleigh	43
Jackson	110
Cambridge Park	140
Breakfast Springs	218

Ella is driving towards Breakfast Springs on the Outback Highway. Her brother Oliver is driving ahead of her on the same highway. Ella pulls over to take a phone call next to this sign. Oliver is ringing Ella to tell her that he has a flat tyre and that he is halfway between Jackson and Cambridge Park.

About how far is Oliver ahead of Ella?

☐ 15 km

☐ 30 km

☐ 125 km

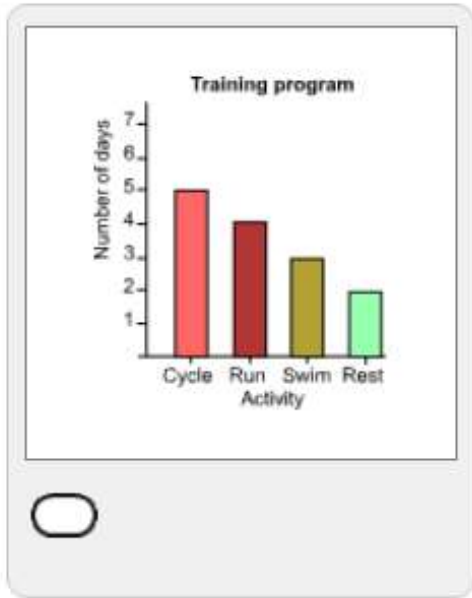
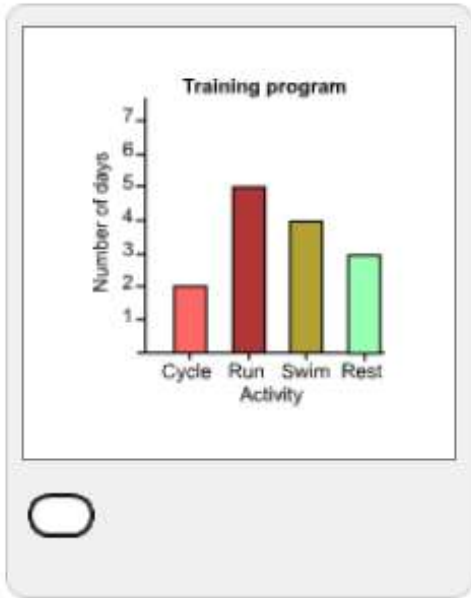
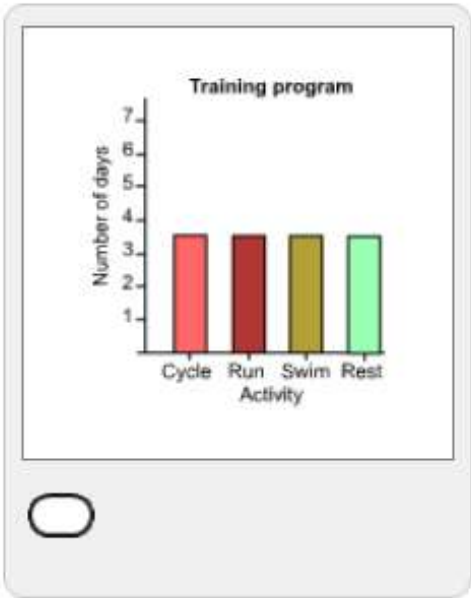
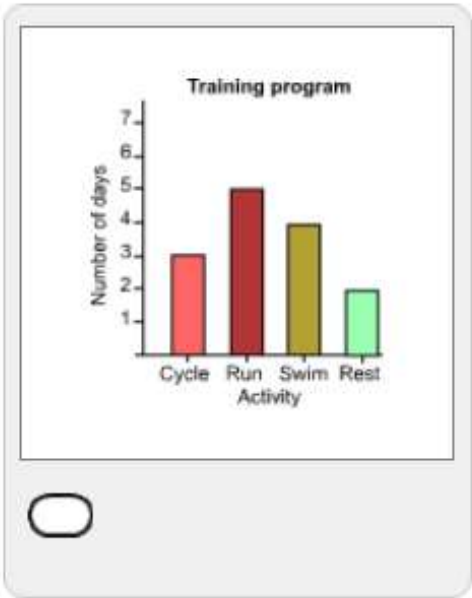
☐ 109 km

Mike is training for a triathlon and records his training program over a two-week period.

	Sun	Mon	Tue	Wed	Thur	Fri	Sat
Week 1	Run	Cycle	Swim	Swim	Rest	Run	Run
Week 2	Rest	Swim	Cycle	Cycle	Swim	Run	Run

He then draws a graph of the results.

Which graph shows his results for the two weeks?



Connor writes this number pattern.

---

3, 4, 6, 10, 18, 34, —, 130, 258

He has missed one of the numbers.

What number has Connor missed?

☐ 64

☐ 65

☐ 66

☐ 68