Name …….
Class…….

1) Write a number in each box to make these correct.

$4 \times 90 = \square$

$4 \times \square = 1200$

2) Draw lines to join the equivalent calculations.

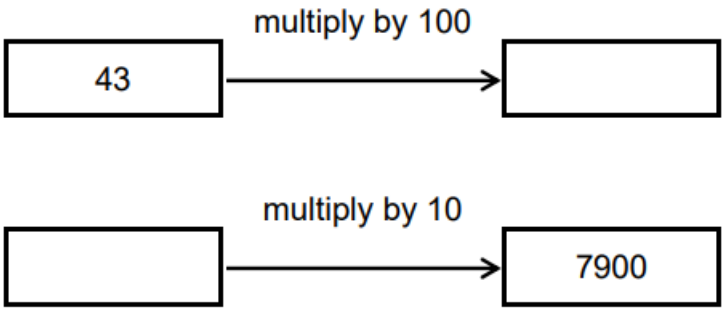
One has been done for you.

$5 \times 4 \times 10$	10×15
$5 \times 3 \times 4$	12×6
$5 \times 10 \times 3$	20×10
$4 \times 3 \times 6$	20×6
$6 \times 4 \times 5$	12×5

3) Complete the multiplication grid.

×		9	
	6	18	14
	27		

4) Write the missing numbers in the empty boxes.



5) Here is a number chart.
There are counters covering some numbers.

11	12	13	14	●	16	17	18	19	●
21	22	23	24	●	26	27	28	29	●
31	32	33	34	●	36	37	38	39	●
41	42	43	44	●	46	47	48	49	●

Tick (✓) the statement that describes **all** the numbers that are covered.

All the numbers are even. ☐

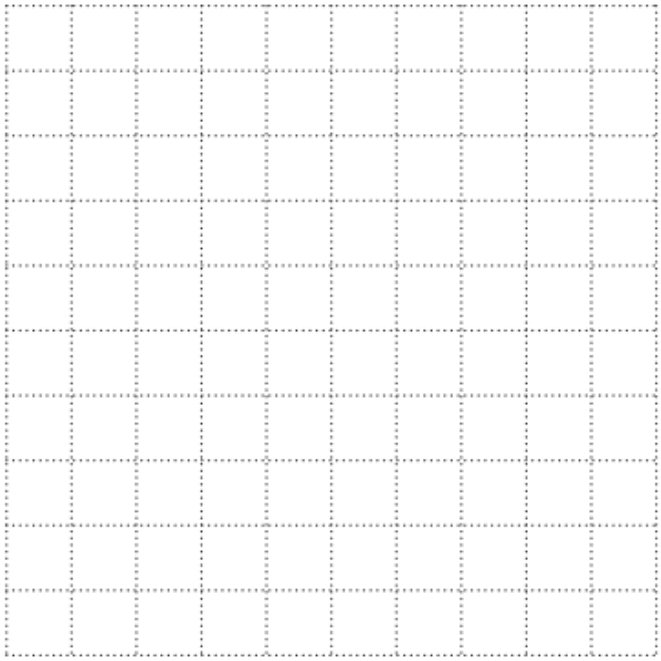
All the numbers are multiples of 10 ☐

All the numbers are multiples of 5 ☐

All the numbers have a 5 in the ones place. ☐

6) Here is a grid of squares.

Draw a rectangle with an area of 24 square units using the lines **on this grid**.



7) Draw lines to join the equivalent fractions.

One has been done for you.

$\frac{1}{2}$	$\frac{9}{24}$
$\frac{1}{4}$	$\frac{12}{24}$
$\frac{3}{8}$	$\frac{6}{24}$
$\frac{1}{3}$	$\frac{8}{24}$

8) Write = or < or > in the boxes to make these statements correct.

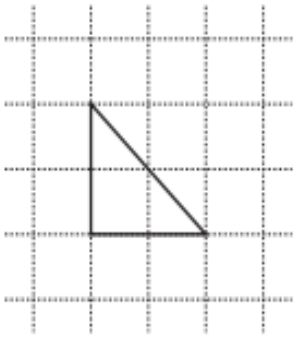
2345 ☐ 2354

100 hundreds ☐ 10 thousands

9) Write the correct number in the box.

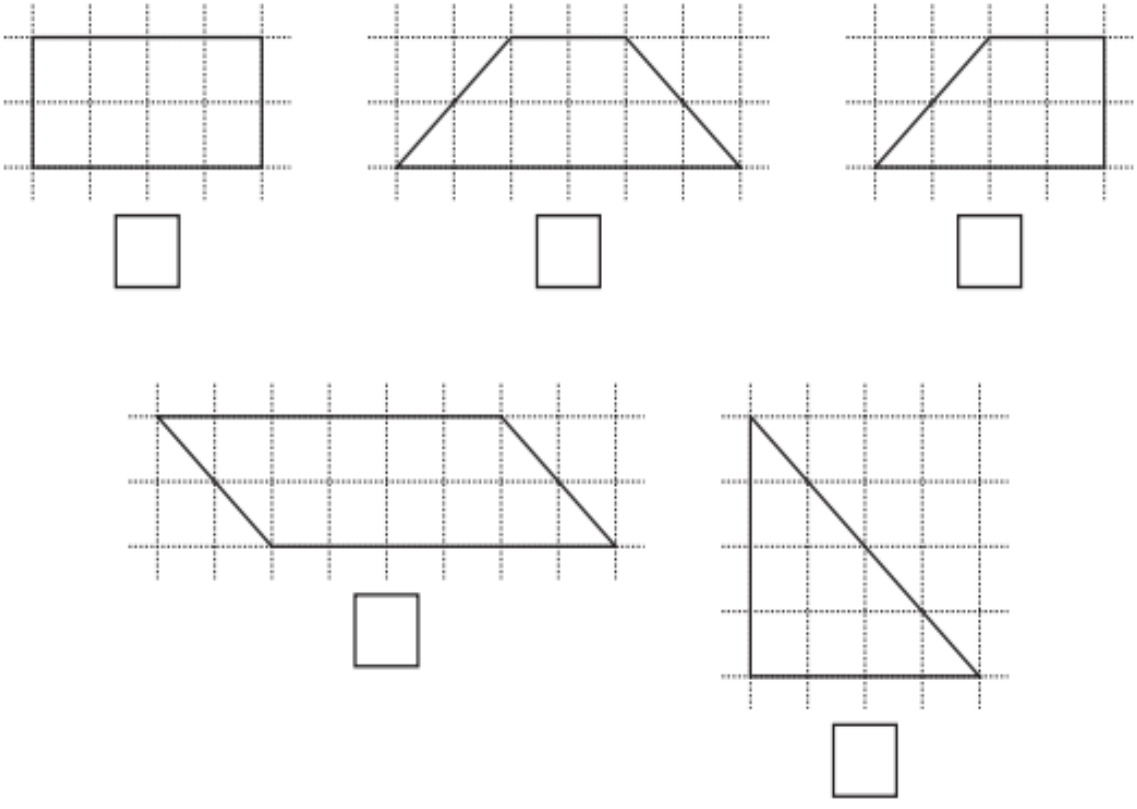
☐ divided by 4 is 7 remainder 3

10 Here is a triangular tile.



Chen makes new shapes with **4** identical triangular tiles.

Tick (✓) **each** shape that Chen can make.



11) Oliver measured the temperature in a school playground each day for a week.

- It was the same temperature on Tuesday and Thursday.
- It was 13 °C warmer on Monday than Friday.
- It was 24 °C on Friday.
- It was 18 °C cooler on Wednesday than Monday.
- It was 13 °C warmer on Tuesday than Wednesday.

Use this information to complete the table.

One has been done for you.

Days of the week	Temperature
Monday	..... °C
Tuesday	..... °C
Wednesday	..... °C
Thursday	..... °C
Friday	24 °C

12) Here is a chart.

1000	2000	3000	4000	5000	6000	7000	8000	9000
100	200	300	400	500	600	700	800	900
10	20	30	40	50	60	70	80	90
1	2	3	4	5	6	7	8	9

Calculate the total of the shaded numbers.

.....

13) Ahmed is in Class 4

Draw a line to join each statement to the correct likelihood.

When Ahmed was 1 year old, he was shorter than he is now.	no chance
In 10 years' time, Ahmed will be younger than he is now.	poor chance
	even chance
	good chance
	certain

14) Here are five numbers.

47532 46523 46253

45732 47325

Draw a ring around **each** number that rounds to 47000 when rounded to the nearest 1000 [1]

15) Here is part of a sequence.

1, 6, 11, 16, 21, 26, …

The sequence continues in the same way.

Here are some digit cards.

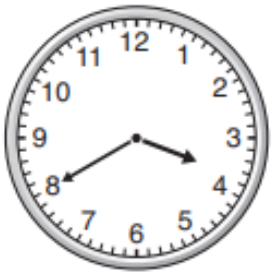
1	6	7

Mia uses these cards to make 3-digit numbers.

Write down **all** the numbers Mia makes that are in the sequence.

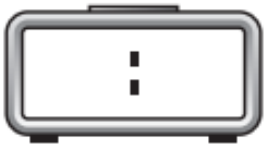
.....

16) This clock shows the time in the **afternoon**.



Write the same time on this digital clock.

Use the 24-hour clock.



17) Write the number name for 28 745

.....

18) Here is some information about a 3D shape.

It has 8 vertices.
It has 12 edges.
It has 6 faces.

Write the name of **two** different 3D shapes this information could describe.

.....

.....

19) Angelique writes two different addition calculations using the same digits.

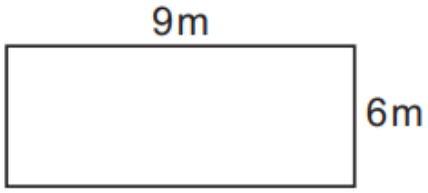
234 + 567

567 + 234

Both calculations have the same answer.

Write a **different** addition calculation with the same answer as Angelique's calculations.
You must use the same digits.

20) Here is a rectangle.



Not drawn to scale

Calculate the area of the rectangle.

21) The shapes △ and ○ each represent **different** whole numbers.

Here is a number sentence.

△ + ○ = 10

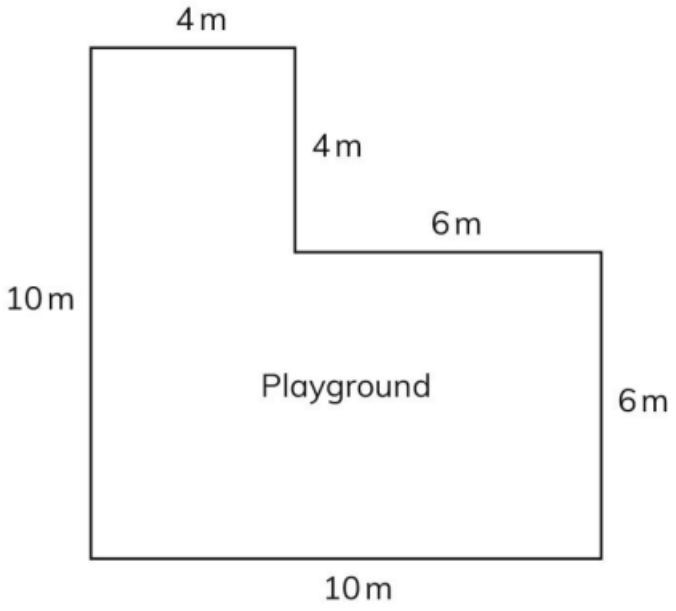
Write a value that each shape could represent.

△ could represent .....

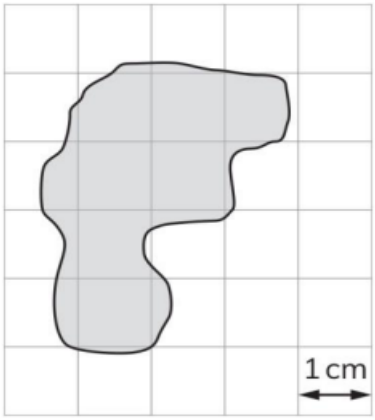
○ could represent .....

22)

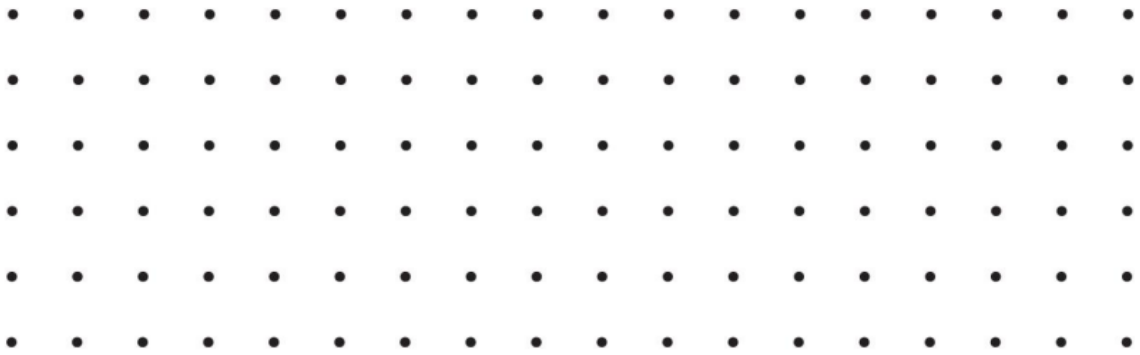
Work out the perimeter of this playground.



23) Estimate the area covered by the stain on the cloth.



24) Draw a rectangle that has an area of 12 cm^2.



What is the perimeter of your rectangle?

25)

Calculate the area of these rectangles

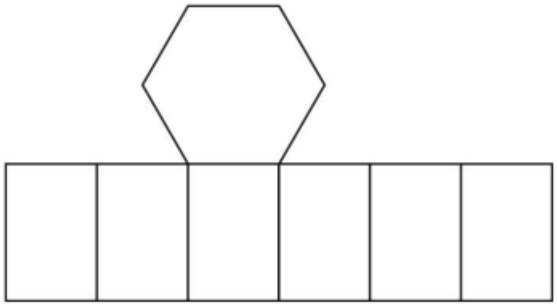
a

b

c

26)

This is the net of a 3D shape, but one face is missing.

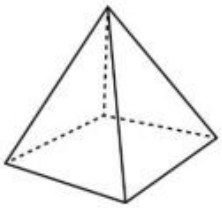


a What 3D shape should it make?

b What is the shape of the face that is missing?

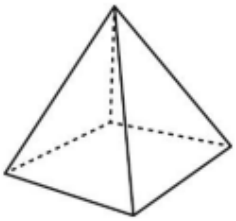
27)

How many faces does a square-based pyramid have?



What are the shapes of the faces of a pentagonal prism?

29) How many faces does a square-based pyramid have?

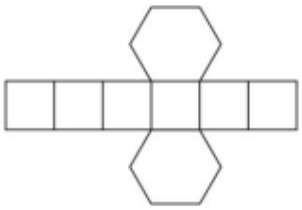


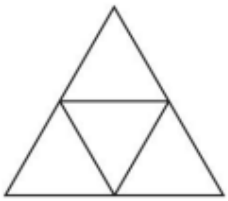
30) What are the shapes of the faces of a pentagonal prism?

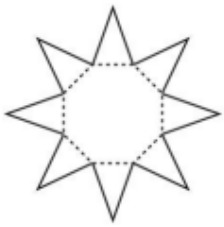
31) Complete this sentence to describe a cube.

A cube has _____ edges, _____ vertices and _____ faces.

32) Which of these nets makes a octagon-based pyramid?

A 

B 

C 

33) Name the shape that is made by this net.