Numbers and place value to 1000

What number is represented by the blocks?

thousands	hundreds	tens	ones

2,368

Look at each four digit number.
What's the value of each highlighted digit?

2 8 |9| 6   __90__   5 3 4 |7| __7__

8 |7| 3 9   __700__ |6| 2 0 4   __6000__

Expanded notation

The four digit number is expanded as shown.
What's the value of the missing number?

3 6 7 7 |3000| + |600| + |70| + |7|

9 4 5 6 |9000| + |400| + |50| + |6|

4 5 2 5 |4000| + |500| + |20| + |5|

Odd and even numbers

Circle all the even numbers

4785   3883   **2000**   **9672**

7741   **8004**   9999   **1056**

Adding lots of 10

1) 30 + 40 = __70__   2) 50 + 20 = __70__

Two digit addition

1) 25 + 42 = __67__   2) 57 + 41 = __98__

3) 47 + 38 = __85__   4) 68 + 75 = __143__
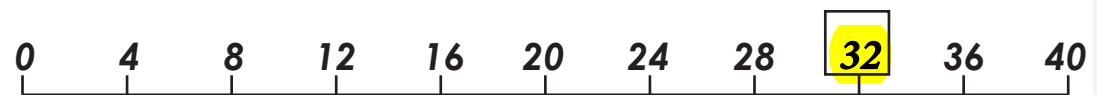
Working out (if needed)

Subtract 10

1) 38 - 10 = __28__   2) 74 - 10 = __64__

Subtract lots of 10

1) 67 - 30 = __37__   2) 78 - 50 = __28__

Subtract from 100

1) 100 - 32 = __68__   2) 100 - 49 = __51__

Patterns of 3 and 4

Look at the pattern then write the missing number .

0   3   6   9   12   15   **18**   21   24   27   30

0   4   8   12   16   20   24   28   **32**   36   40

Multiplication facts for 3 and 4

2 x 3 = __6__   6 x 3 = __18__   8 x 3 = __24__

3 x 4 = __12__   5 x 4 = __20__   7 x 4 = __28__

Division of 3 and 4

9 ÷ 3 = __3__   21 ÷ 3 = __7__   27 ÷ 3 = __9__

12 ÷ 4 = __3__   20 ÷ 4 = __5__   32 ÷ 4 = __8__

Representing fractions

1) Four oranges are cut into halves.
How many halves will there be? __8__
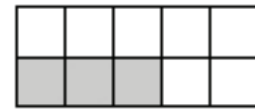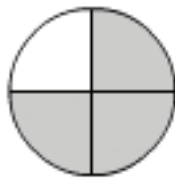
2) Kim has 4 pies. She cuts each pie into quarters.
How many quarters will there be? __16__

3) Three pieces of wood are cut into thirds.
How many thirds will there be? __9__

Represent fractions using sectioned areas

Which fraction is represented by each shaded area?

a) $\frac{1}{2}$ b) $\frac{1}{4}$

c) $\frac{2}{4}$ d) $\frac{3}{4}$

a) $\frac{1}{4}$ b) $\frac{2}{5}$

c) $\frac{3}{10}$ d) $\frac{8}{10}$

Fractions on a number line

Which fraction is represented by the dot on each number line?

0 _____ 3/4 ____ 1

a) $\frac{1}{4}$ b) $\frac{1}{2}$ c) $\frac{3}{4}$

2 ___ 2 1/2 _____ 4

a) $2\frac{1}{2}$ b) $3\frac{1}{4}$ c) $2\frac{3}{4}$

Identify rules of patterns

Which rule applies to this number pattern?

3, 6, 12, 24, 48, 96

a) Numbers increasing by 6

b) Increasing by 20

c) Numbers are doubling

d) Numbers are tripling

Continue number patterns resulting from addition or

Write the next number in each pattern.

5, 15, 25, 35, 45, 55, __65__

120, 100, 80, 60, 40, __20__

Interpret data using picture graphs

The graph shows the number of goals scored in the first six games.

🏀 = 1 goal

game 6	🏀🏀🏀🏀🏀🏀
game 5	🏀🏀🏀🏀🏀🏀🏀🏀🏀🏀
game 4	🏀🏀
game 3	🏀🏀🏀🏀🏀
game 2	🏀🏀🏀🏀🏀🏀🏀🏀
game 1	🏀🏀🏀🏀

1) How many goals were scored in game 3? __5__

2) How many more goals were scored in game 5 than game 4? __8__
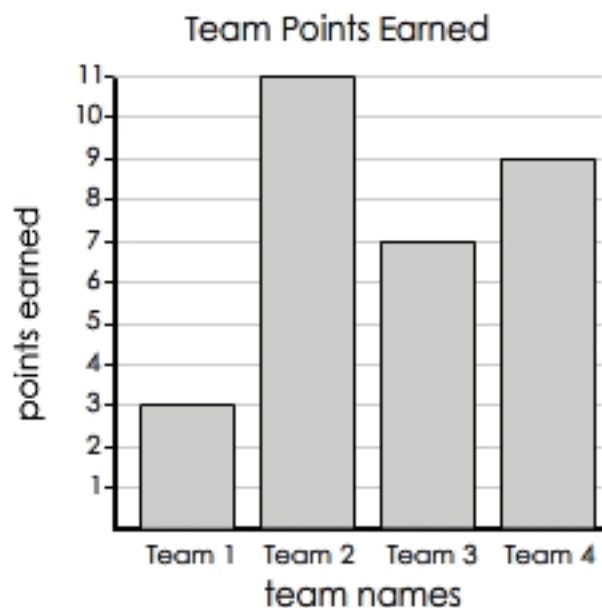
Interpret data using simple tables

The table shows the number of animals on Joan's farm.

1) How many sheep on Joan's farm? __31__

2) How many pigs and chickens on Joan's farm? __36__

Animals on Joan's Farm	
Animals	Number
sheep	31
horses	8
cows	18
pigs	12
chickens	24

Interpret data using simple column graphs

Team Points Earned

1) Which team scored 7 points? __team 3__

2) How many points did team 1 score? __3__

Recognise variation in results of chance experiments
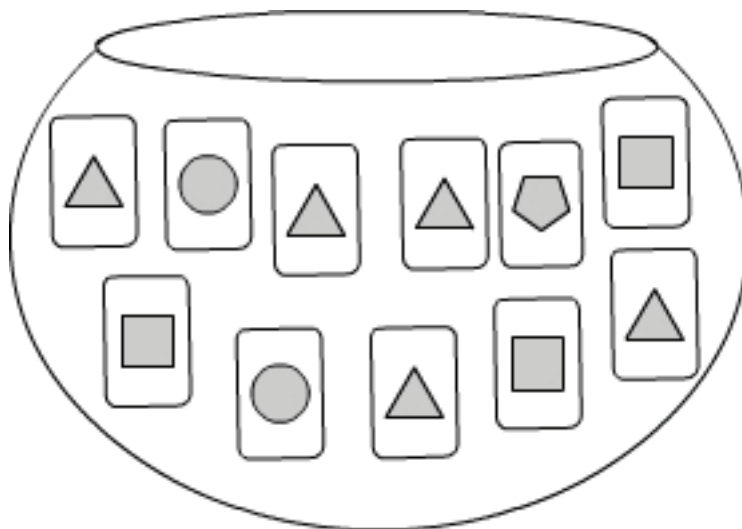
1) Kim takes 1 card from the bowl without looking. Which card has the best chance of Kim taking?
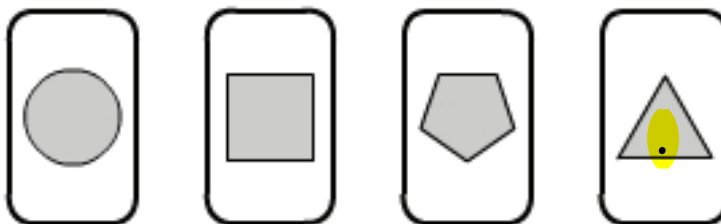
Tell time to the minute

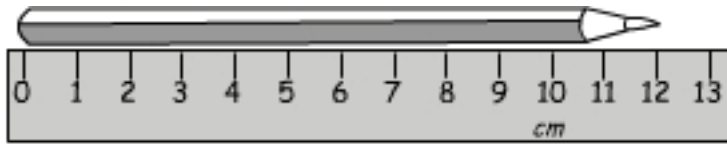**Circle the watch that shows the same time as the clock?**

4:51   4:19   4:47   9:47

1) What time is it 8 minutes after 11:57?   _12 : 03 am_

2) Write the time : a 'quarter past six'.   _6 : 15 pm_

Measure length in centimetres

1) What is the length of the pencil shown? _**12 cm**_

40 cm

2) The piece of string shown is cut into four equal pieces. How long is each piece? _**10 cm**_

Measure length in metres

The boy in the picture is about 1 m tall.

About how tall is the tree?

a) 2 m

b) **4 m**

c) 6 m

d) 8m

Measure mass in grams and kilograms

= 1kg
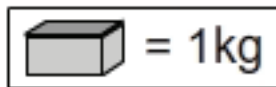
SUGAR

1) What is the mass of the bag of sugar? _**3 kg**_

2) How many bags of sugar are needed to balance with nine 1 kg blocks? _**3**_

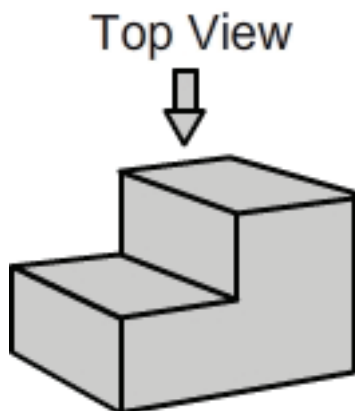*Compare angle sizes in everyday situations*

1) Circle the plane that is taking off at the greatest angle?
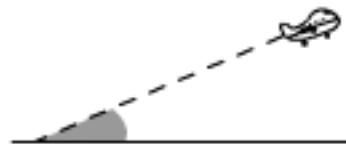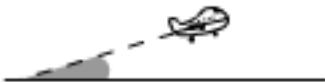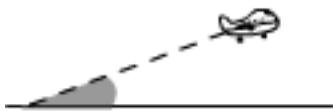
Identifying perspective with three dimensional

This is a 3D solid object.

Top View
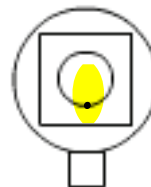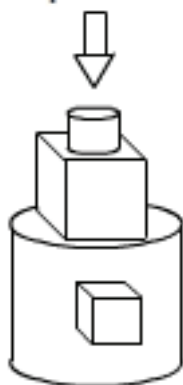

Which is the top view?
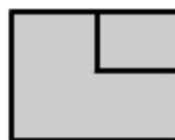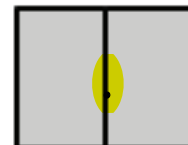
Rob built a model using 3D objects. Which is the top view?

Top View
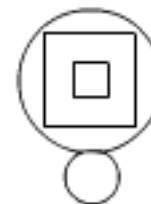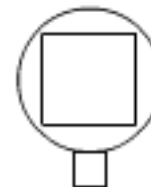
Interpret simple grid maps
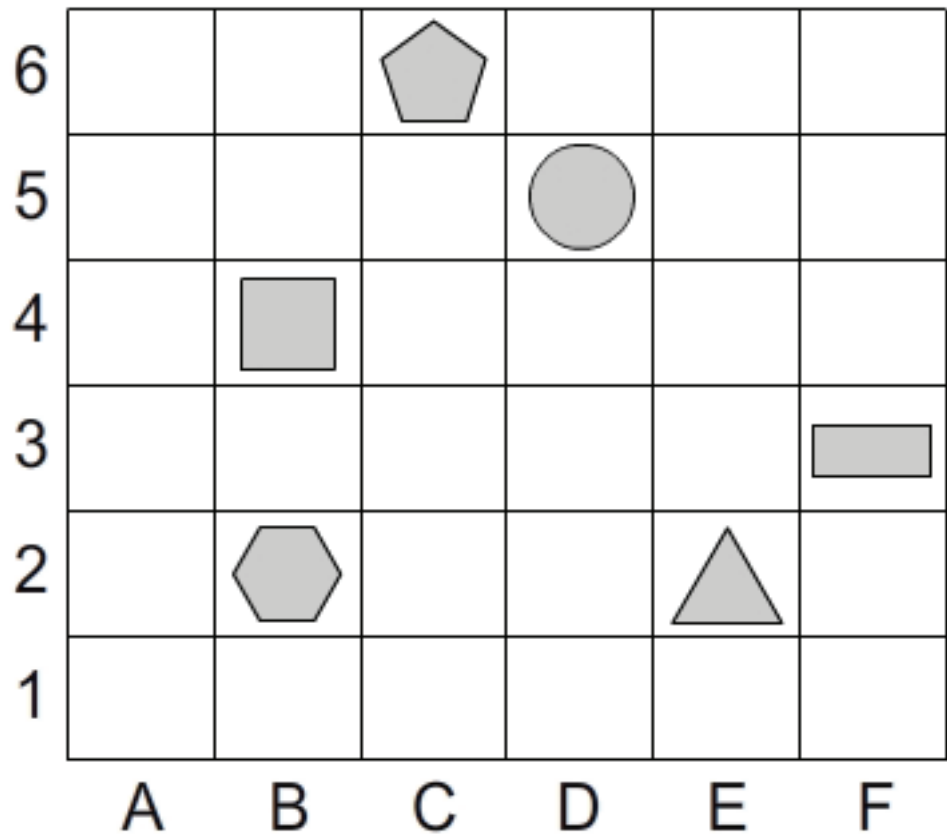
1) Draw the shape located at D5.
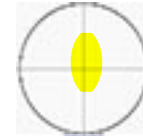
2) Name the shape located at F3: ___*rectangle*___

3) Write the coordinates for the square: ___F3___

4) Write the coordinates for the triangle: ___E2___

Identify symmetry in the environment

There are three patterns shown.
Circle the symmetrical pattern?