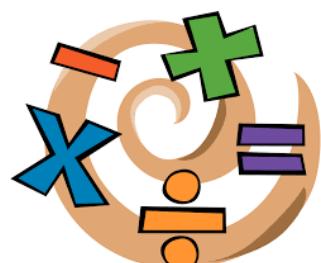


Hello!

The Maths department have put together a selection of tasks for you to complete. Do what you can and don't worry if you get a bit stuck!

Don't forget that you can still work on Mathletics and there is also some online tasks and games on the school website.



Maths Tasks: Pathway 4

Number

Olivia is counting in 7s from 0 to 70

Circle the numbers she will say.

17 1 7 28 57 63

Max makes a number on a place value grid.

Thousands	Hundreds	Tens	Ones
1000 1000	100 100 100 100	10 10 10 10 10	1 1 1 1

What number has Max made?

Max adds some hundred counters.

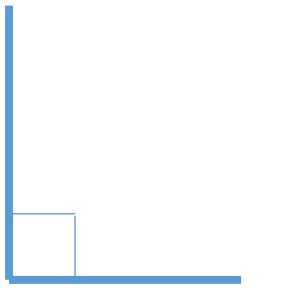
He has now made the number 2,954

How many hundred counters did Max add?

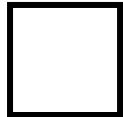
Angles

Here are four angles.

Use the letters to order the angles from smallest to largest.



A



B

C

D

Smallest

largest

Use the words to complete the sentences.

Acute	Right angle	Obtuse
-------	-------------	--------

Angle A is a _____ angle.

Angle B is an _____ angle.

Angle C is an _____ angle.

Angle D is an _____ angle.

Reasoning

Mrs Shore cycles 5 laps of a track. The total distance Mrs Shore cycles is 20 km. Miss Histon cycles 7 laps of the same track. How far does Miss Histon cycle in total?

A train has 8 carriages. Each carriage has 56 seats. How many seats are there on the train altogether?

Here are the prices of three items in a shop.

		
Video Game £48.99	DVD £14.99	Headphones £27.50

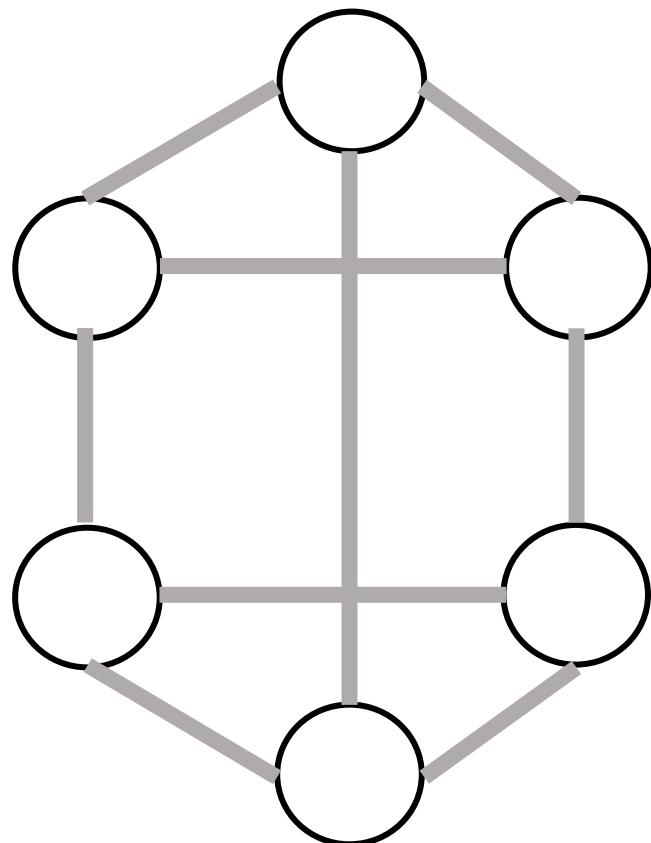
Toby buys a video game and a DVD. He pays with two £20 notes, two £10 notes and one £5 note. How much change does Toby receive?

Lyra wants to buy some headphones. She saves £3 each week. How many weeks does Lyra need to save for?

Problem Thinking

Use each of the numbers 1 to 6 once.

Write one in each circle.



Numbers next to each other must not be joined.
For example, 3 must not be joined to 2 or 4.

1 2 3 4 5 6

Maths Tasks : Pathway 5

Number

Circle the two multiples of 9 in the list below

1

3

19

36

90

Max circles some numbers on the grid.

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

Tick the statements which are true

All the circled numbers are multiples of 6

All the circled numbers are odd.

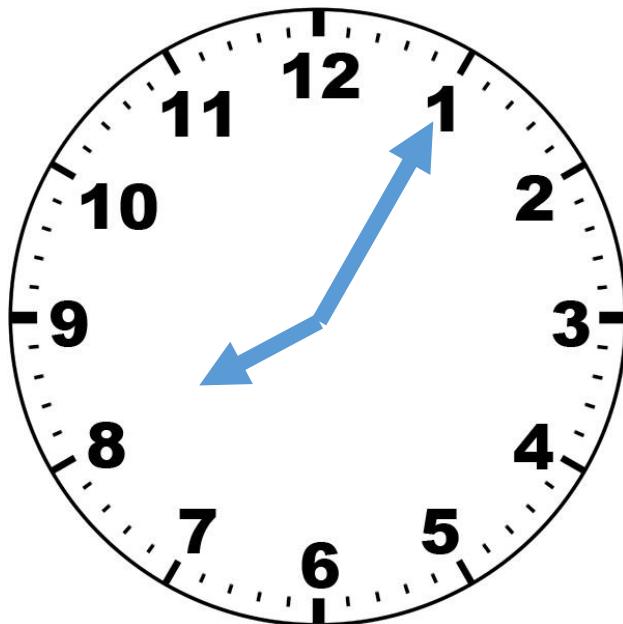
All the circled numbers are multiples of both 2 and 3

What would be the next 5 numbers in the sequence

____, ____ , ____ , ____ , ____ .

Time

Saba leaves home at the time shown.



It takes her 35 minutes to get ready for school.

What time is Saba ready for school?

Show the time on the digital clock.

 :

It takes Saba 15 Minutes to get to school.

What time is Saba going to get to school?

Show the time on the digital clock.

 :

Reasoning

Tom has 67 football stickers.

Max has 3 times as many stickers as Tom.

How many stickers do they have altogether?

Mrs Shore has 6 boxes of 20 oranges.

How many oranges does he have in total?

Mrs Shore sells half of the oranges.

The remaining oranges are packed into bags of 5

How many bags of 5 oranges does Mrs Shore pack?

Miss Histon runs 4 laps of a running track.

The total distance Miss Histon runs is 800 metres.

Mr Sadler runs 7 laps of the same track.

How far does Mr Sadler run?

Problem Thinking

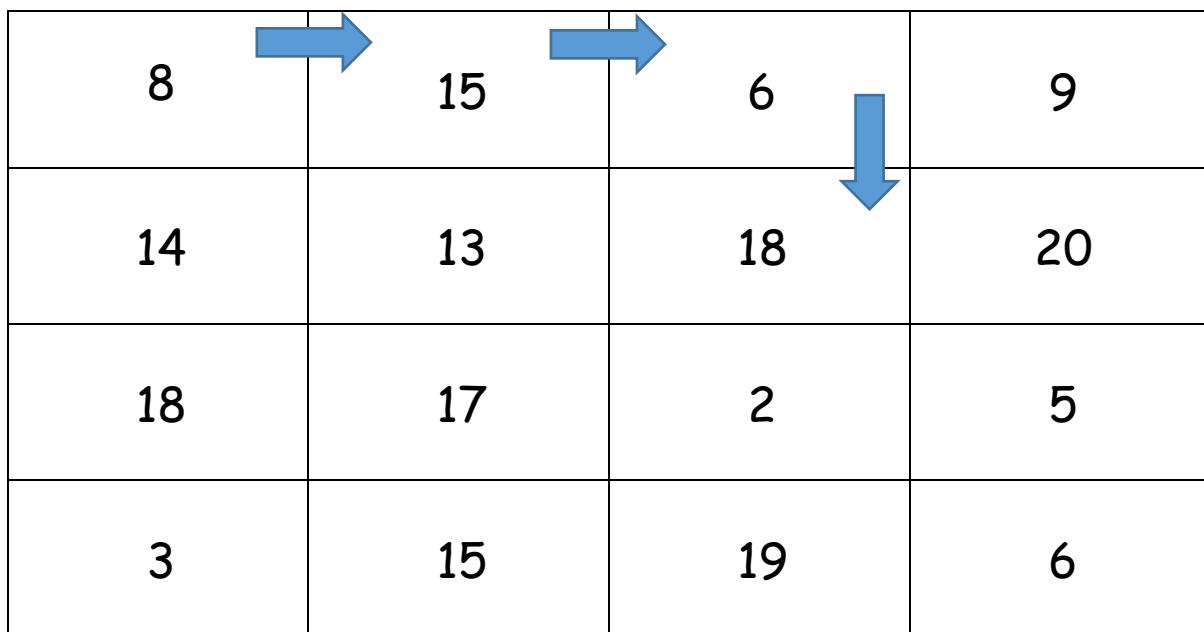
Join any four numbers.

Find their total.

Joins can go up, down or sideways, but not diagonally.

The score shown is $8 + 15 + 6 + 18 = 47$.

8	15	6	9
14	13	18	20
18	17	2	5
3	15	19	6



Find the highest possible score.

Find the lowest possible score.

Try joining five numbers.

Now try joining five numbers using only diagonal joins.