



Year 4 Maths at Quarry Hill

Topics covered in Year 4

Place value (rounding to 10/100/1000)

Number (including all four operations)

Fractions, decimals and percentages

Geometry (position and direction, 2D/3D shape)

Measure (including time and money)

Statistics (interpreting data, plotting data)

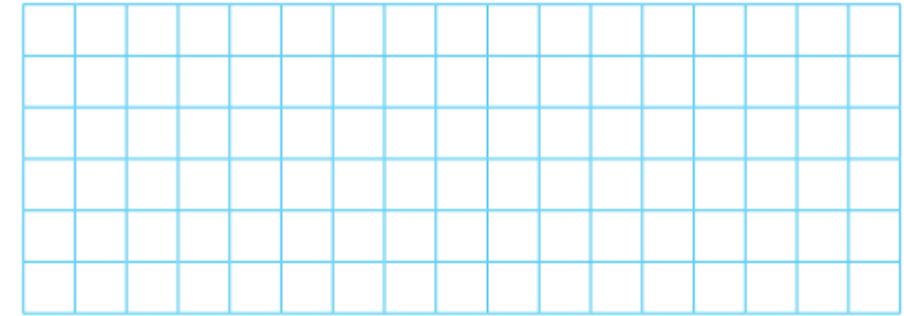
Mental Strategies (working quickly and efficiently)

What do our
lessons look like?

Fluency: 3-5
questions

a) $38 \times 6 =$

c) $45 \times 9 =$



b) $71 \times 3 =$

d) $52 \times 5 =$

$213 \times 0 =$

$$\frac{4}{6} + \frac{3}{6} = \frac{7}{6}$$

[SAME DENOMINATOR]

What do our lessons look like?

Reasoning: 3-5 questions

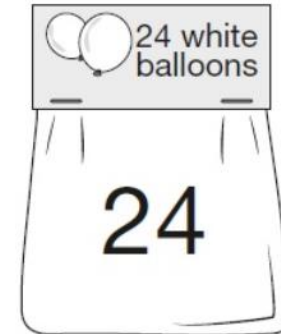
When you are plotting a point on a grid it does not matter whether you go up or across first as long as you do one number on each axis.



Amir

Do you agree with Amir?

Convince me.



Adam buys **6** bags of white balloons.

Chen buys **3** bags of red balloons.

Adam says,

'I have four times as many balloons as Chen.'

Explain why Adam is correct.

What do our lessons look like?

Problem solving:
3-5 questions

What do our lessons look like?

Problem solving:
3-5 questions

John buys one toy car and one pack of stickers.



£1.49



£1.64

He pays with a **£10** note.

How much change does John get?

Show
your
method

£

There were 2,114 visitors to a museum on Saturday.



650 more people visited the museum on Saturday than on Sunday.

Altogether, how many people visited the museum over the two days?

What do you need to do first to solve the problem?

In a race, Ali completes a swim, a run and a bicycle ride.

The swim is $\frac{1}{10}$ of the total distance.

The run is $\frac{3}{10}$ of the total distance.

What fraction of the total distance is the **bicycle** ride?

Multiplication Check

What is the multiplication tables check?

It is an on-screen check consisting of 25 times table questions. Your child will be able to answer 3 practice questions before taking the actual check. They will then have 6 seconds to answer each question. On average, the check should take no longer than 5 minutes to complete.

How can you
help at
home?

