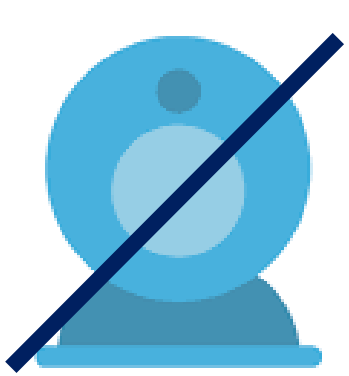
Welcome to Monday's Maths lesson

This session will begin at 011:20 am



Turn your camera and microphone **off** please

Whilst we wait for others to join, work out the following on your piece of paper. Can you remember the methods?

$$239 - 156 =$$

$$38 \times 8 =$$

$$392 + 91 + 4 =$$

$$184 \div 8 =$$

Maths Meet

You will have 2 minutes to answer these questions

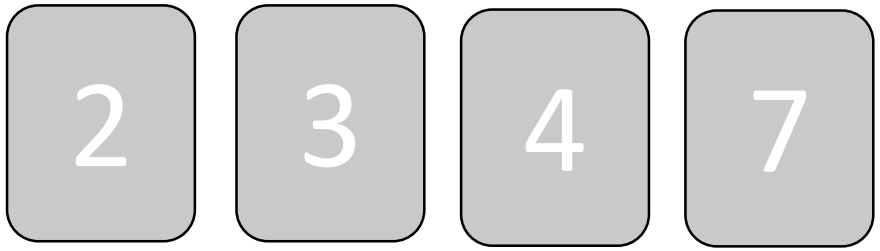
10 x 10	4 x 6	3 x 1	12 x 7
3 x 4	3 x 2	10 x 5	9 x 6
5 x 4	8 x 9	3 x 9	8 x 8
7 x 8	12 x 6	11 x 8	6 x 8
12 x 4	4 x 11	9 x 12	8 x 8

Maths Meet

You will have 2 minutes to answer these questions

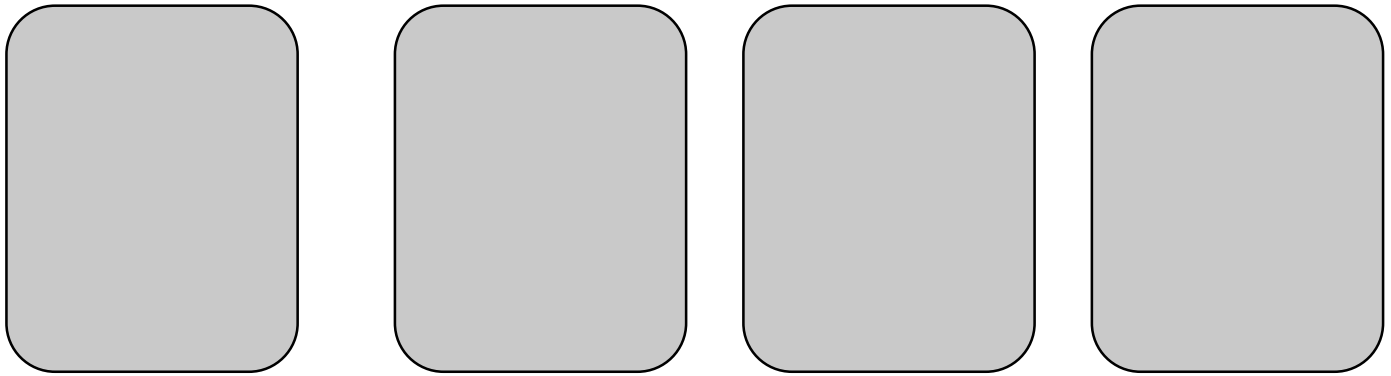
10 x 10 =100	4 x 6 = 24	3 x 1= 3	12 x 7 =84
3 x 4= 12	3 x 2 = 6	10 x 5= 50	9 x 6 = 54
5 x 4 = 20	8 x 9 =72	3 x 9 = 27	8 x 8 = 64
7 x 8 = 56	12 x 6 = 72	11 x 8= 88	6 x 8 = 48
12 x 4 = 48	4 x 11= 44	9 x 12 =108	8 x 8 = 64

Anika has 4 cards



She places:

- 4 in the tens column
- 2 so that it is has a higher value than any other digit
- The remaining two digits so 7 has a higher value.



Jason finished a run in 40 minutes and 35 seconds

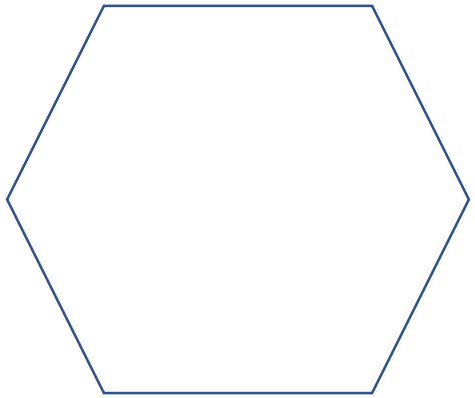
Nala finished 3 minutes and 36 seconds after him.

How long did Nala take?

These two shapes have the same perimeter.

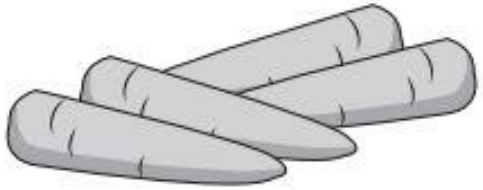
The length of each side of the Hexagon is **8cm.**

What is the area of the square?



16

potatoes
£1.50 per kg



carrots
£1.80 per kg

Jack buys $1\frac{1}{2}$ kg of potatoes and $\frac{1}{2}$ kg of carrots.

How much **change** does he get from **£5**?

Show your method

£

2 marks

LI: I will know how to divide with decimal remainders.

Key words:

1. Decimal
2. Divisor
3. dividend
4. Remainder

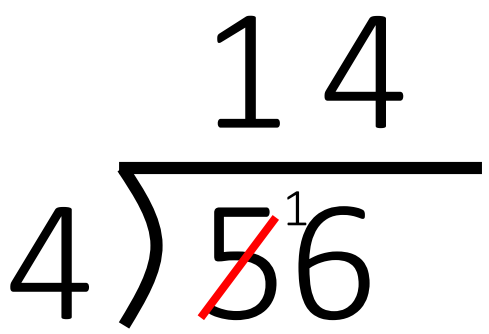
Chilli one

Short Division (Bus Stop Method)

Division without remainders

Example: $56 \div 4 = 14$

The way we write this is as follows:



4 will go into 5 once, with 1 remainder.

We put a one above the line, cross of the 5 and carry the remainder one over.

4 will go into 6, 4 times so we put the 4 above the line (keeping our columns in line).

We now look at the outside number and see how many times it will go into the following digits.

Bus stop method

Let's try it together!

56 ÷ 8 = 7

78 ÷ 6 = 13

126 ÷ 7 = 18

Chilli Two

Short Division (Bus Stop Method)

Division with remainders

LI: I will know how to divide with decimal remainders.

Division with decimal remainders

Let's try it together!

62 ÷ 5 = 12.4

156 ÷ 8 = 12.2

96 ÷ 5 =19.5

Chilli Three

Short Division (Bus Stop Method)

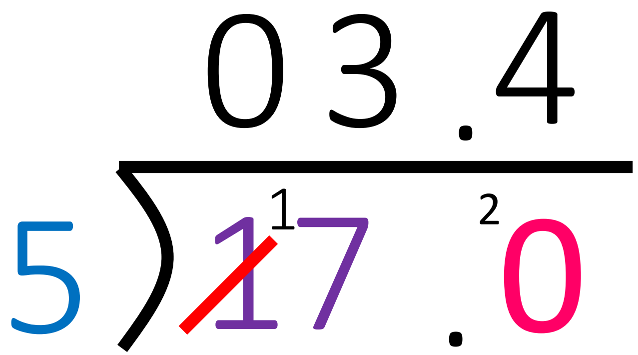
Division with decimal remainders

A quick recap of Dividing with decimal remainders …

A quick recap of Dividing with decimal remainders …

Example: $17 \div 5 = 3.4$

The way we write this is as follows:



5 does not go into 1… so we have to cross it off and move it next to the 7

So now, we can ask, how many 5’s go into 17… 3 would make 15… remainder 2.

Look at the outside number and see how many times it will go into the following digits.

Then we must add a decimal place and zero as a place holder.

We carry the remainder 2 over to the 0, which gives us 20. How many 5’s go into 20?

LI: I will know how to divide with decimal remainders.

Division with decimal remainders

Let's try it together!

62 ÷ 5 = 12.4

156 ÷ 8 = 19.5

96 ÷ 5 = 19.2

Division Word problems.

Sometimes the calculation isn't given to us in a question. We need to work it out for ourselves.

There are seventeen boys and fourteen girls in a class. The children sit at tables of 4.

How many tables are needed?

1. First, we need calculate 17 + 14 = 31
2. THEN, 31 ÷ 4 = 7.75

So the we need 8 tables altogether

Let’s try another!

A teacher has 2 boxes of pencils. One has 173 pencils and the other 149 pencils. He puts the pencils together and shares them equally into 7 pots. How many pencils will there be in each pot?