Helping your child with Maths at home

Maths mastery is deepening your child's understanding of mathematical concepts, not accelerated learning. To help them do this, it is important for children to explore maths in different ways. This can include applying their knowledge to a range of questions and tasks, visualising concepts and seeing them in real life, purposeful situations.

Explain the mistakes

What is 6 352 to the nearest 100?

Mistake 1: 400

Mistake 2: 6350

Mistake 3: 6300

Order

Order the following from shortest to longest:

400 minutes $\frac{1}{3}$ of a day
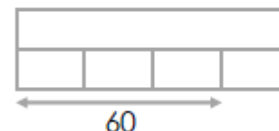
6 hours   18 000 seconds

Investigate

Stage 1: complete using digits 0-9

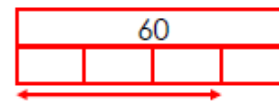Stage 2: complete using digits 1, 2, 3, 5, 6, 7, 9

Which picture?

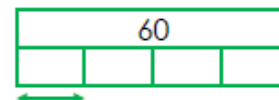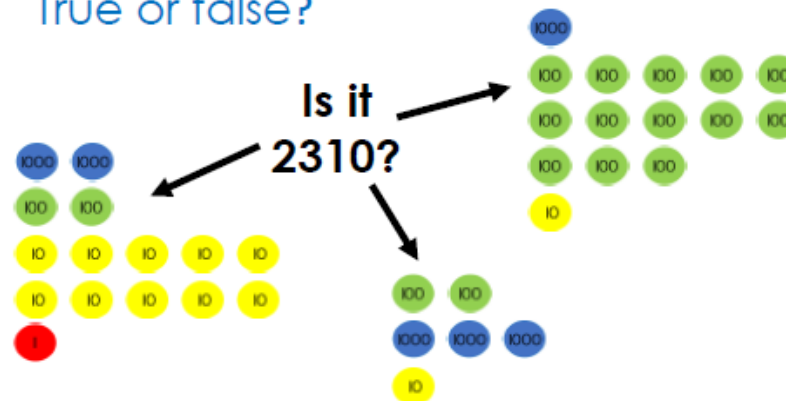**Draw lines to match the questions to the bar models:**

$60 \div 4$

$\frac{3}{4}$ of a number is 60.
What is the number?

$\frac{3}{4}$ of 60

True or false?

Is it 2310?

How many ways?

Complete the fractions using three of the number cards.

$$\frac{\square}{8} > \frac{\square}{\square}$$

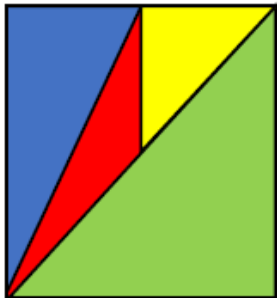3   4   5   6

Explain

$100 - h > 40$

$20 + h > 60$

h is a multiple of 6

List all the numbers h can be.

Missing digits

<div style="text-align:center">

□8□

× 9

─────

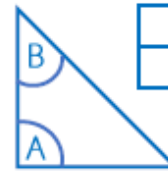7 0 4 7

</div>

Explain

Which fractions do you see?

'In the isosceles triangle, angle A is double angle B'

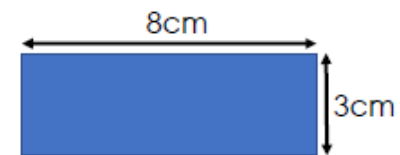**What are the possible sizes of angles A and B?**

Solution 1	Solution 2
180°	
Angle A = Angle B =	Angle A = Angle B =

Draw

8cm

3cm

Draw a rectangle with...

...a smaller area and a larger perimeter:	...the same perimeter and a larger area:

Useful websites

https://nrich.maths.org/9084

https://mathsbot.com/

https://www.transum.org/Software/SW/Starter_of_the_day/

https://nzmaths.co.nz/problem-solving