Challenge 1

Dexter says,

$$4 \times 21 = 2 \times 42$$

Is Dexter correct?

Challenge 2

If we know $2 \times 6 = 12$, we also know $2 \times 60 = 120$
Use this to complete the fact family.

$2 \times 60 = 120$	$\square \times \square = \square$
$\square \div \square = \square$	$\square \div \square = \square$

Complete the fact families
for the calculations.

$$3 \times 30 = \square$$
$$\square = 4 \times 80$$
$$160 \div 2 = \square$$

Challenge 3

I know that when
multiplying 3 by 40,
40 is ten times bigger
than 4, so my answer
will be ten times bigger
than 3×4

Is Mo correct?
Explain your answer.

Challenge 4

Complete the calculations to match the place value counters.

Tens	Ones
10 10	1 1
10 10	1 1
10 10	1 1
10 10	1 1

$$\square + \square + \square + \square = \square$$

$$\square \times \square = \square$$

Use the same method to calculate:
1. 34 x 2 =
2. 22 x 4=

Do you know any other methods to work out these calculations? Show them.

Challenge 5

There are 21 coloured balls on a snooker table.
How many coloured balls are there on 3 snooker tables?

calculate:

21 × 4 and 33 × 3

Tens	Ones