

Extra Maths Challenges: Monday 25th & Tuesday 26th January 2021

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

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

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

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

$$43 \times 2$$

Can you spot her mistake?

	T	O
	4	3
$\times$		2
		6
$+$		8
	1	4

Dexter says,



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

Is Dexter correct?

Missing digits

$$\begin{array}{r} \square 8 \\ \times \square \\ \hline 3\square 0 \end{array}$$

Fill in the missing digits.

Tim and three friends get the train.
The total cost is £24.

How much does each person pay?

£24		
£8	£8	£8

£24			
£6	£6	£6	£6

Which bar model represents the question correctly?

Missing digits

$$\begin{array}{r} \square \square \\ \times 8 \\ \hline \square 6 \end{array}$$

Fill in the missing digits.

Which picture?

Draw lines to match the questions to the bar models:

4 friends share 8 cherries.
How many cherries each?



4 pizzas shared by 8 friends.
How much pizza each?



4 friends each have 8 sweets.
How many in total?

