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?

765 – 324 =

34 x 6 =

287 + 45 + 6 =

465 ÷ 3 =

Maths Meet

You will have 2 minutes to answer these questions

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

Maths Meet

You will have 2 minutes to answer these questions

2 x 8=16	12 x 8=96	1 x 8=8	7 x 3=21
4 x 6=24	11 x 7=77	9 x 4=36	12 x 6=72
3 x 9=27	10 x 11=110	6 x 8=48	7 x 7=49
5 x 2=10	8 x 9=72	7 x 5=35	6 x 2=12
0 x 4=0	3 x 3=9	2 x 6=12	9 x 9=81

Look at the diagram below to help you multiply the mixed number.
Write your answer as a mixed number in the box.

$$1\frac{1}{4} + 1\frac{1}{4} + 1\frac{1}{4} = 1\frac{1}{4} \times 3$$

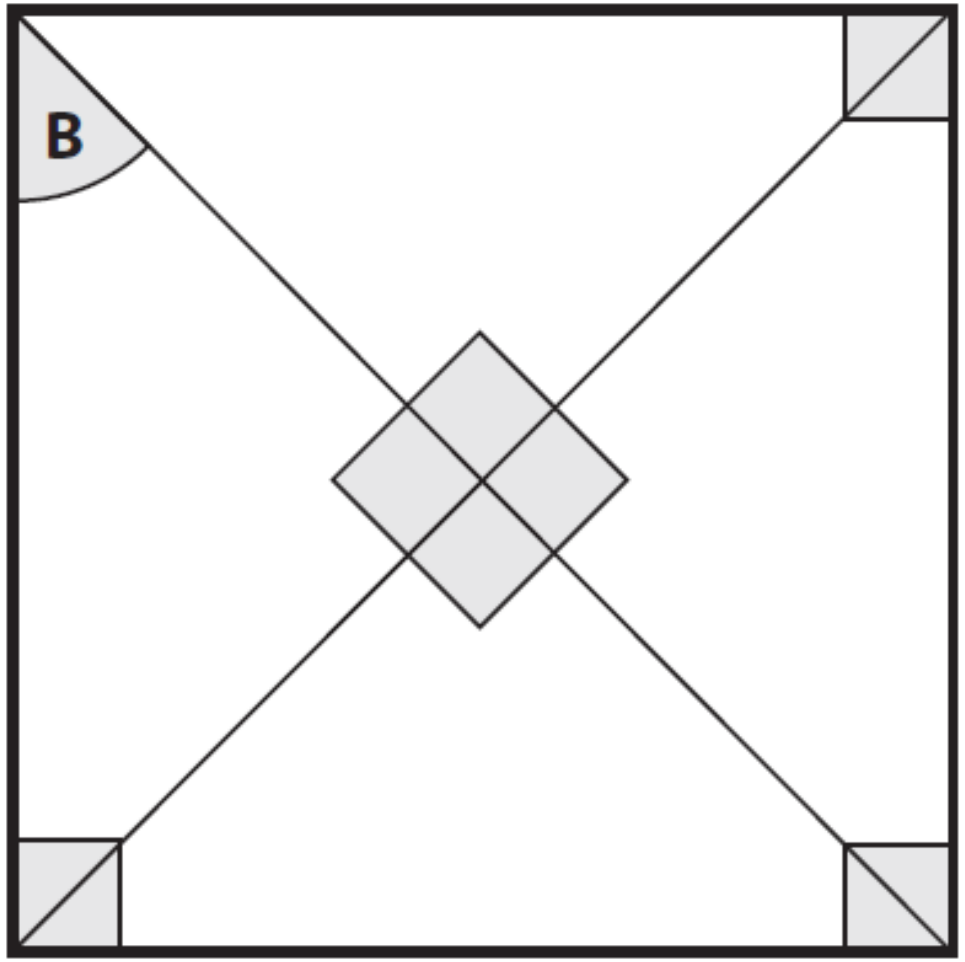
so $1\frac{1}{4} \times 3 =$ ☐

Use a formal ***written*** method of column addition to solve the following.

$32,384 + 23,415 =$ ☐

$52,587 + 86,436 =$ ☐

The shape below is a square.



What is the size of angle B?

LI: I will know how to identify, name and write equivalent tenths and hundredths.

Key words:

1. Whole
2. Equivalent
3. Tenth
4. Hundredth
5. Equal parts

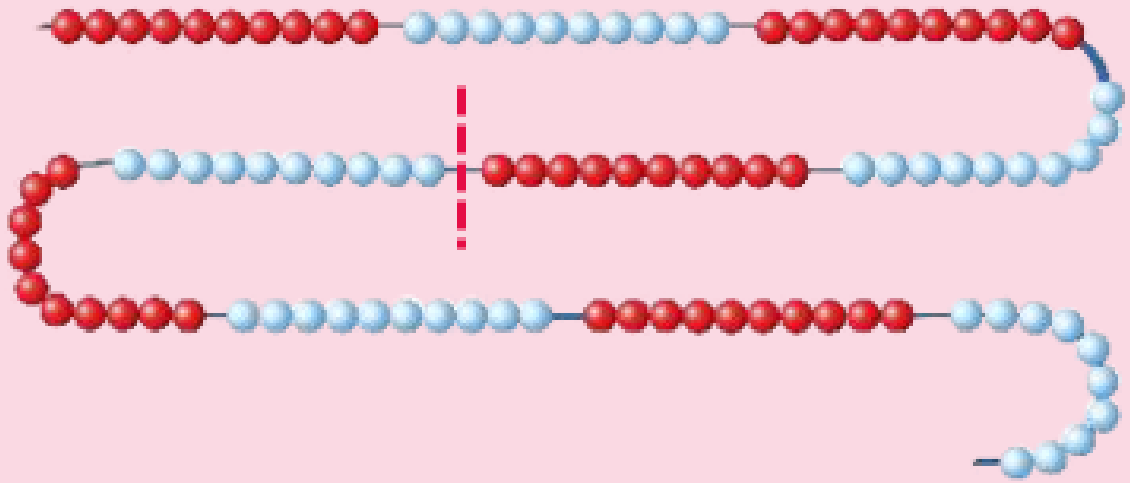
LI: I will know how to identify, name and write equivalent tenths and hundredths.

- What fractions can we represent with this bead string?

- If the whole bead string has a value of 1, what is the value of one bead?
- If the whole bead string has a value of 1, what is the value of ten beads?

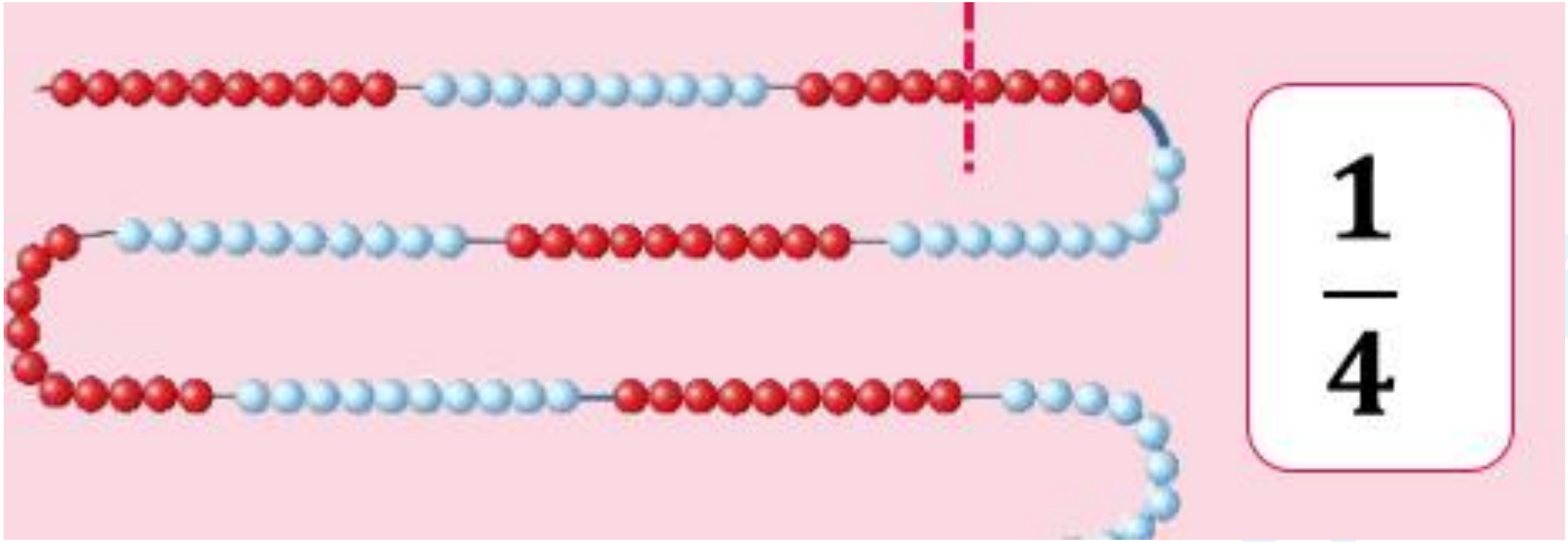
LI: I will know how to identify, name and write equivalent tenths and hundredths.

Tenths and hundredths on a bead string



$$\frac{1}{2} = \frac{\square}{10} = \frac{\square}{100}$$

LI: I will know how to identify, name and write equivalent tenths and hundredths.



$$\frac{1}{4}$$

LI: I will know how to identify, name and write equivalent tenths and hundredths.

- If the whole bead string has a value of 1, what is the value of 60 beads?

LI: I will know how to identify, name and write equivalent tenths and hundredths.

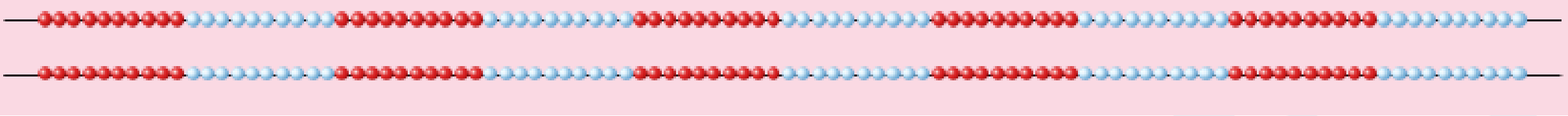
- If the whole bead string has a value of 1, what is the value of 43 beads?

LI: I will know how to identify, name and write equivalent tenths and hundredths.

TALK TASK – Break out rooms

How many beads are represented by these fractions?

Which fractions can you represent with your bead string?

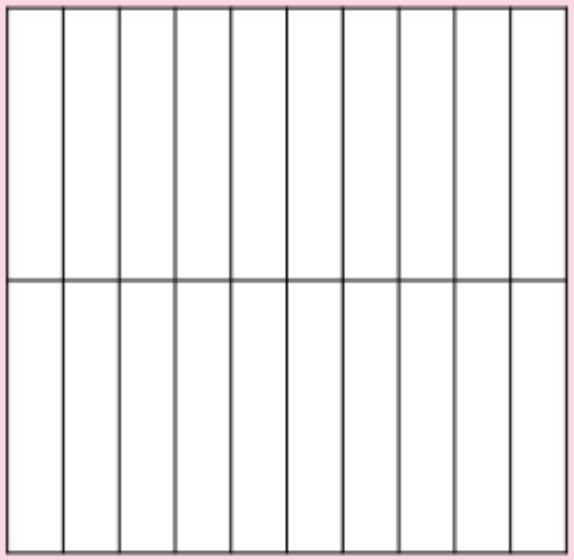


$\frac{2}{5}$ $\frac{1}{25}$ $\frac{3}{4}$ $\frac{1}{50}$ $\frac{3}{5}$ $\frac{1}{20}$ $\frac{23}{100}$ $\frac{78}{100}$

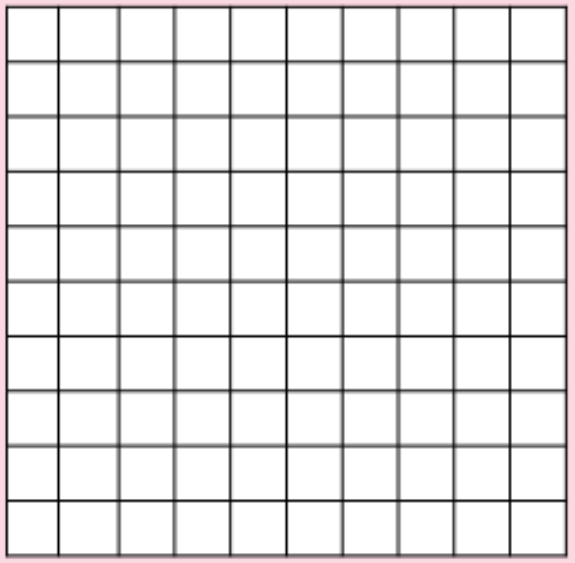
LI: I will know how to identify, name and write equivalent tenths and hundredths.

Simplifying tenths and hundredths

How can you use these grids to show equivalent hundredths?



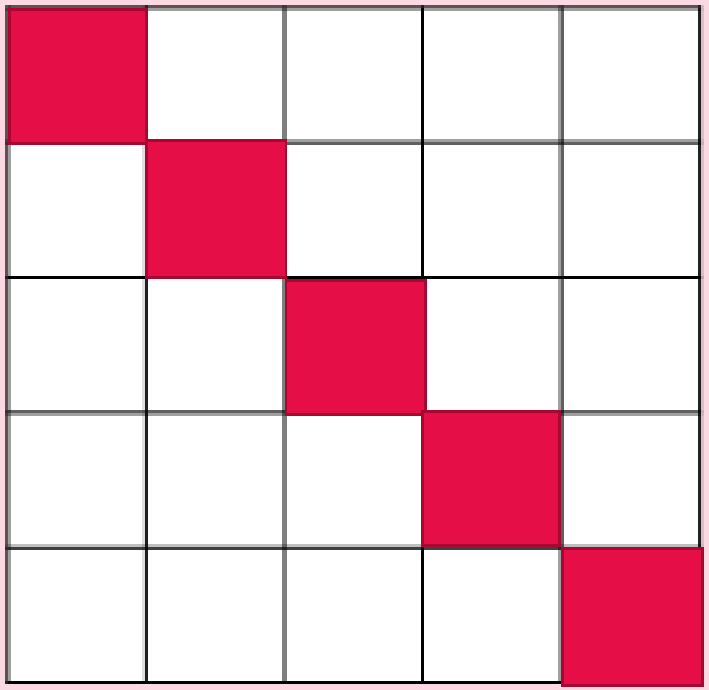
$\frac{5}{20}$

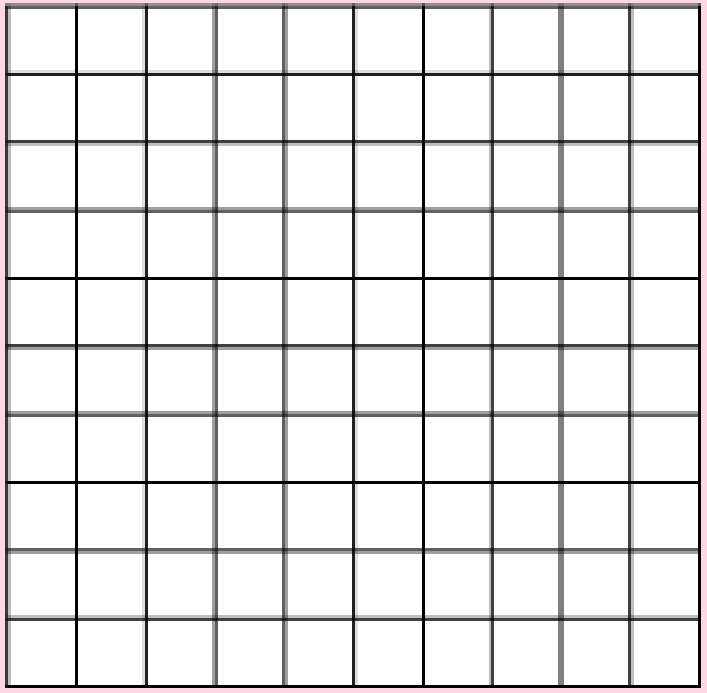


$\frac{?}{100}$

LI: I will know how to identify, name and write equivalent tenths and hundredths.

How many different ways can you explain that the one fifth of the first grid is coloured red?

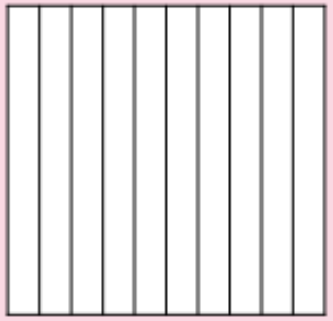




LI: I will know how to identify, name and write equivalent tenths and hundredths.

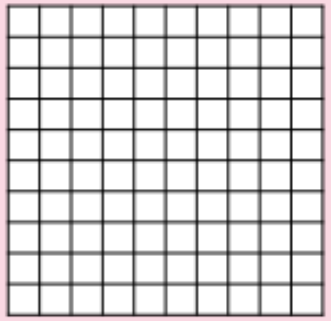
Independent task

Fractions on a hundred grid



- I have coloured half of the shape. _____
- I have coloured one fifth of the shape. _____
- I have coloured one tenth of the shape. _____

☐ of the shape has been left blank.



- I have coloured half of the shape. _____
- I have coloured one fifth of the shape. _____
- I have coloured one tenth of the shape. _____
- I have coloured one twentieth of the shape. _____

☐ of the shape has been left blank.

PLENARY

Celebrating success and addressing misconceptions

Did everyone get the same results?