

Have you answered your question from last time?

Make this number using only the numbers below.
How close can you get?

Use: + - X ÷

471

25 100 2 5 9 6

Brainwarmer

1. $23 + 45 =$
2. $23 + 76 =$
3. $12 + 83 =$
4. $45 + 16 =$
5. $87 + 10 =$

1. $-5 + 6 =$
2. $-7 + 12 =$
3. $-8 + 14 =$
4. $-9 + 25 =$
5. $-12 + 32 =$

On a winter day Frank's thermometer tells him it is -5.6 degrees in his garden and a cosy 23.9 degrees in his house, How much warmer is his house than his garden?



Learning Question:

How can I recognise and tenths, hundredths and thousandths and relate them to decimal equivalents?

Success Criteria:

I will be successful if I:

- Recognise tenths, hundredths and thousandths
- Count on in thousandths
- Covert fractions to decimals
- Order the decimals on a number line
- Find equivalent decimal fractions to fractions
- Explain your reasoning

Vocabulary

- Decimal
- Place value
- Tenths
- Hundredths
- Thousandths
- Greater than
- Less than
- Fractions
- Equivalent
- Convert

Place Value

Decimal Place Value Chart

Millions	Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones	Decimal point	Tenths	Hundredths	Thousandths	Ten-thousandths	Hundred thousandths	Millionths
			3	6	8	4	.	2	6				

Image 1: Decimal Place Value chart.

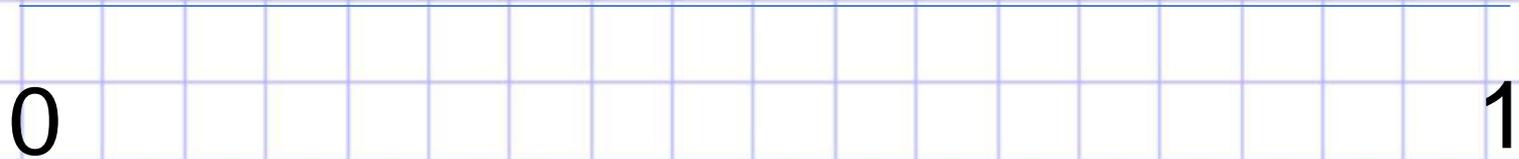
Write the decimal fraction that is equivalent to...

$$\frac{23}{100}$$

$$\frac{56}{100}$$

$$\frac{14}{100}$$

Can you put those decimal numbers on a number line?



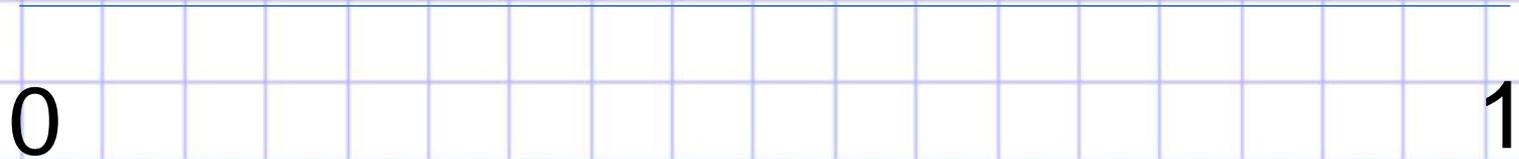
Write the decimal fraction that is equivalent to...

$$\frac{235}{1000}$$

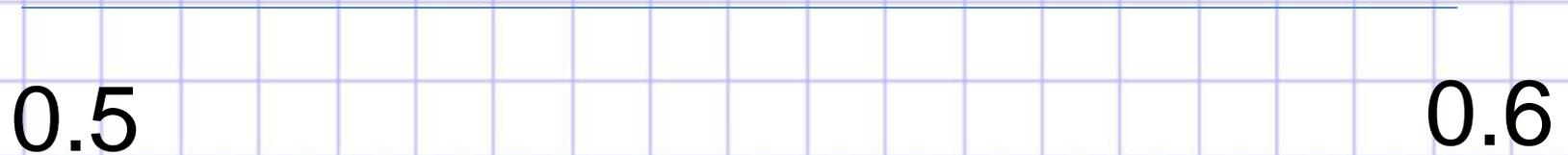
$$\frac{456}{1000}$$

$$\frac{714}{1000}$$

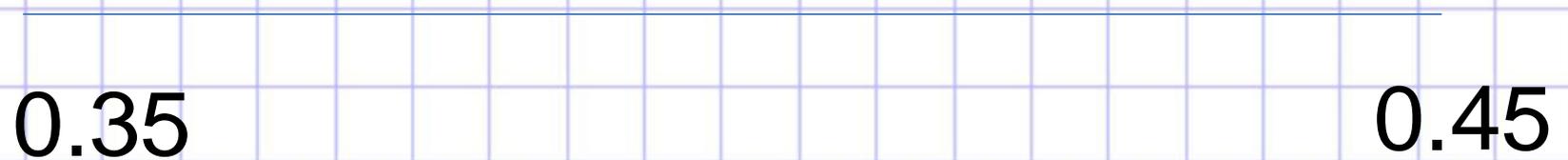
Can you put those decimal numbers on a number line?



What decimal numbers could we
add onto these number lines?



What decimal numbers could we
add onto these number lines?



What decimal numbers could we
add onto these number lines?

0.450

0.650

How can I recognise and tenths, hundredths and thousandths and relate them to decimal equivalents?

Hard

Write the decimal fraction that is equivalent to the fractions.
(Hundredths)
Order the numbers on a number line

Harder

Write the decimal fraction that is equivalent to the fractions.
(Thousandths)
Order the numbers on a number line

Hardest

Write 3 decimal numbers that would come between given decimals.

Explain what thousandths are

Herculean: Answer a range of word problems linked to decimal equivalents

Jennie says that $54/1000$ is equal to 0.54. Is she correct?

