

I am learning to find decimal equivalents of fractions

Focus Question

How do we write these fractions as decimals?



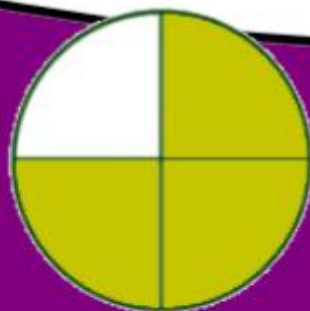
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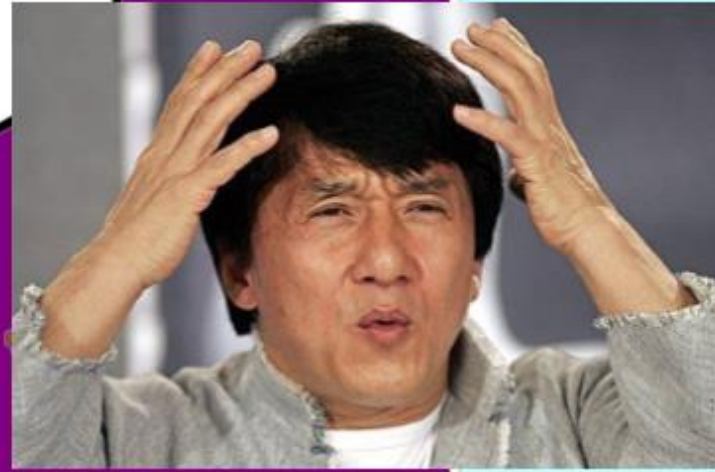
$\frac{1}{2}$



$\frac{1}{4}$



$\frac{3}{4}$



Let's Learn

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$$\frac{1}{2} \xrightarrow{\times 5} \frac{5}{10}$$

ones . tenths

0 . 5

Decimals - a number of tenths, hundredths, thousandths etc

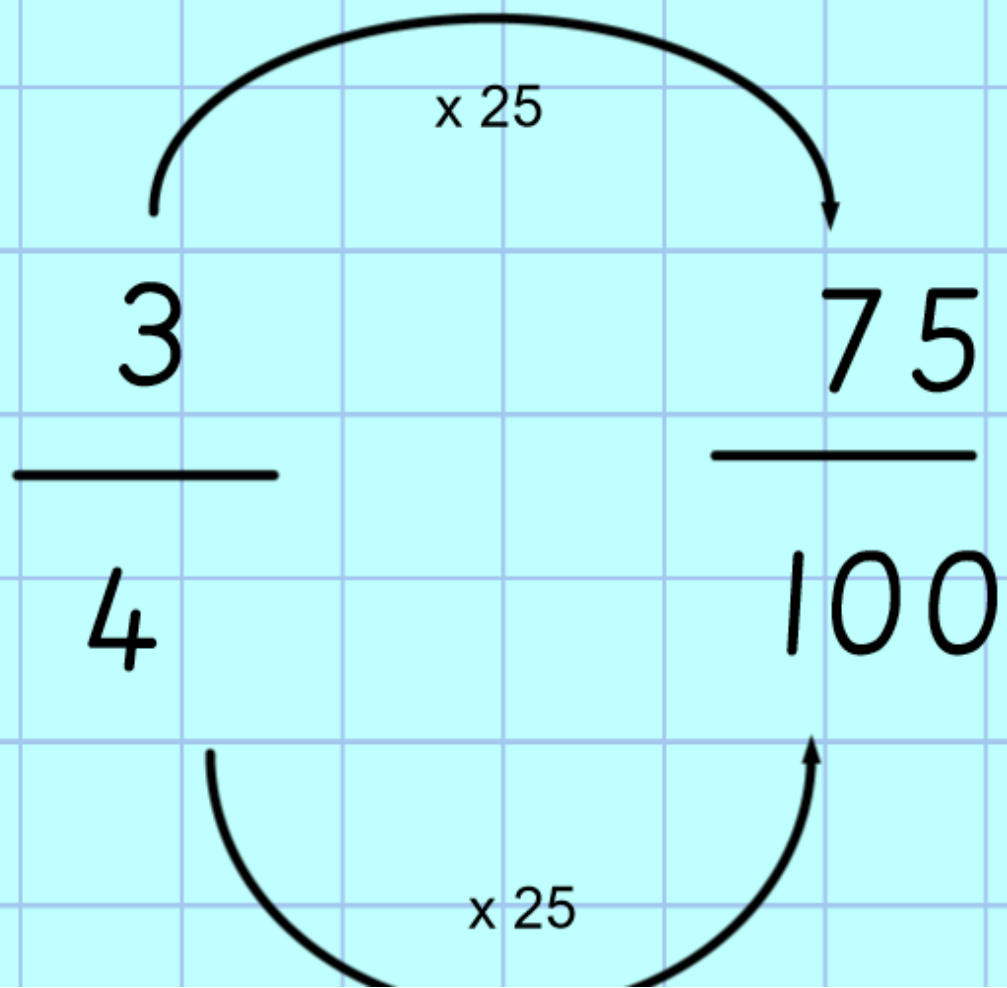
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$$\frac{1}{4} \xrightarrow{\times 25} \frac{25}{100}$$

ones . tenths hundredths

0 . 2 5



ones . tenths hundredths
0 . 7 5



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$$3/10$$

$$6/10$$

$$8/10$$

$$18/100$$

$$37/100$$

$$3/5$$

$$12/20$$

$$34/50$$

$$11/25$$

$$137/100$$

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Steps to success:

- Find your equivalent fraction with a denominator of 10 or 100
- Multiply your numerator and denominator by the same number to find your equivalent fraction
- When converting to decimal, use a your place value grid to help you.