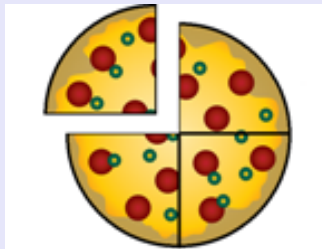


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Pre Teach

What fraction of pizza is 1 out of 4 slices

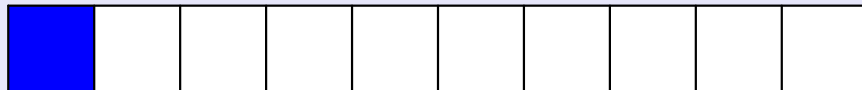


1 out of 4 =



What fraction of the boxes is coloured?

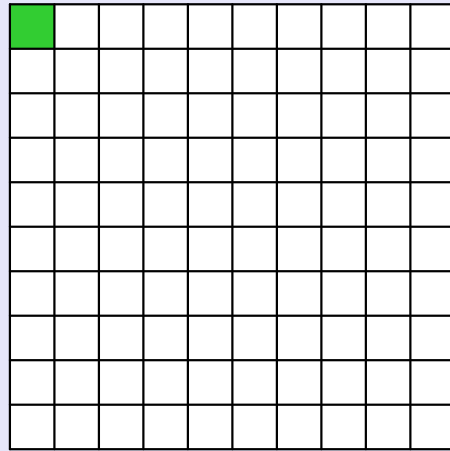
1 out of 10 boxes



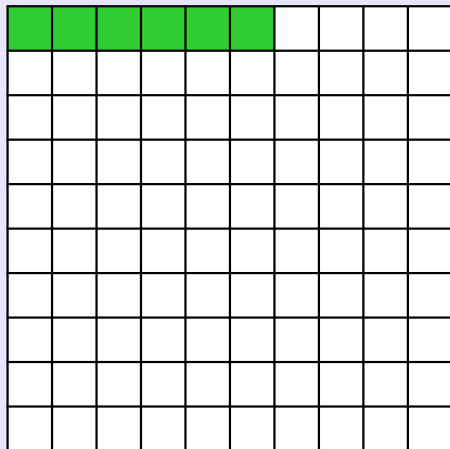
1 out of 10 =



What fraction of the hundred square is shaded



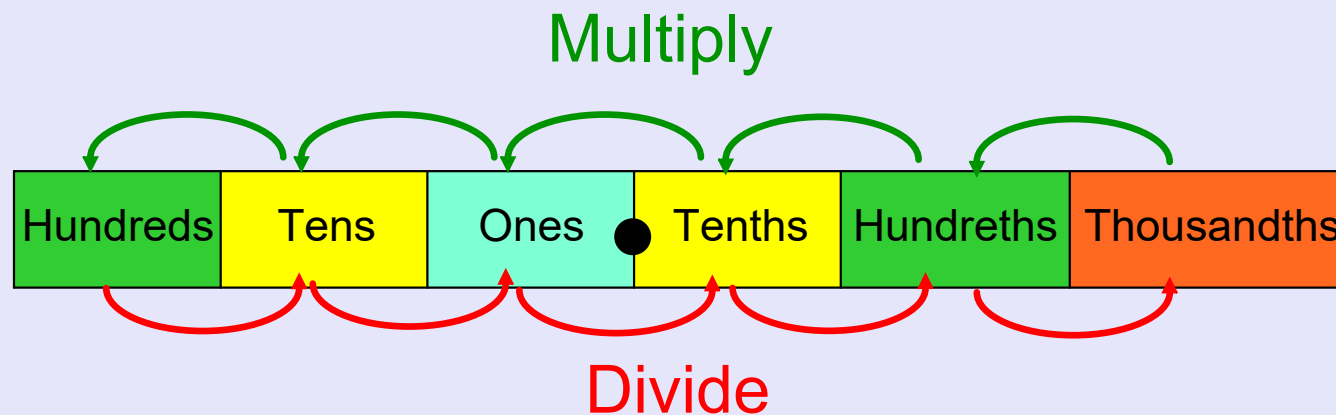
1 out of 100 =



6 out of 100 =



When we multiply the number gets bigger
When we divide the number gets smaller



Divide by 10 = 1 Jump to right

Divide by 100 = 2 Jumps to right

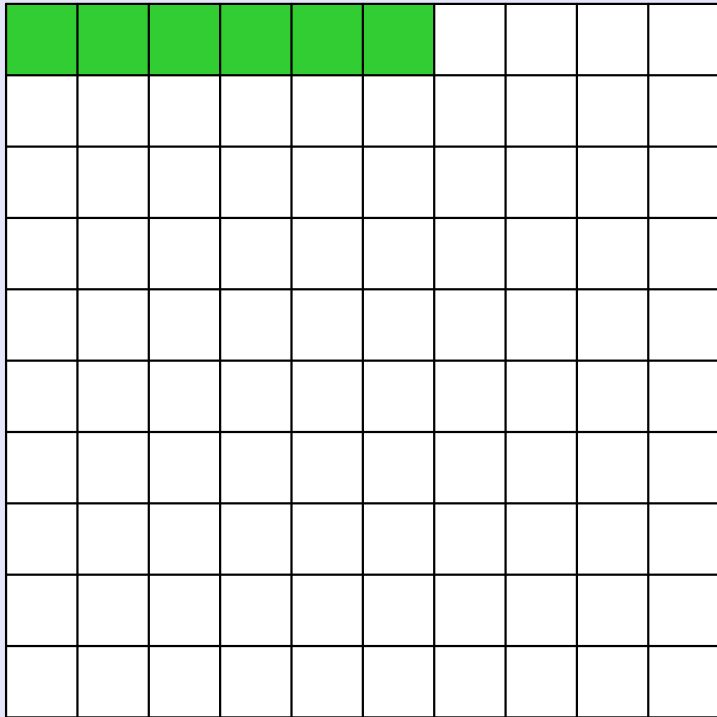
Divide by 1000 = 3 Jumps to right

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L.O: To read and write decimal numbers as fractions

What fraction of the hundred square is shaded

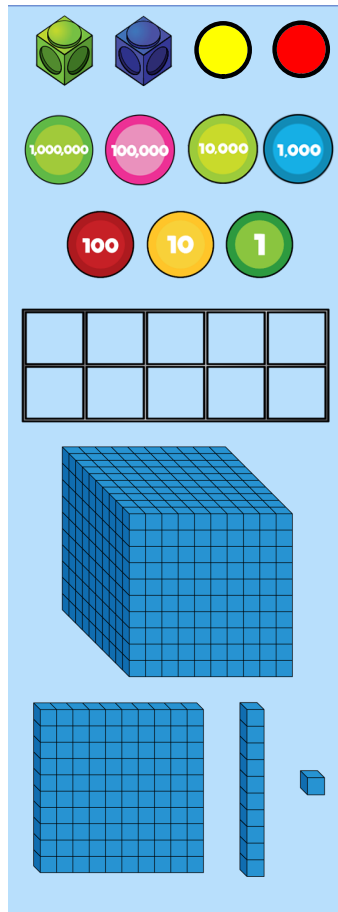
I do



$$\frac{6}{100}$$

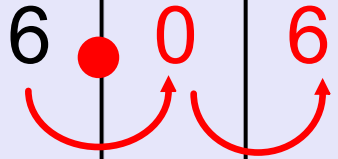
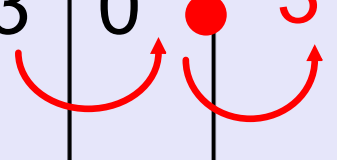
We can change it into decimal
by doing $6 \div 100 = 0.06$

$$\text{so } \frac{6}{100} = 0.06$$



$+$ $-$ $\div$ $\times$
 $>$ $<$ $=$

Place Value Grid

H	T	O	t	h	th
		6	0	6	
					
	3	0	3	0	
					

Calculation



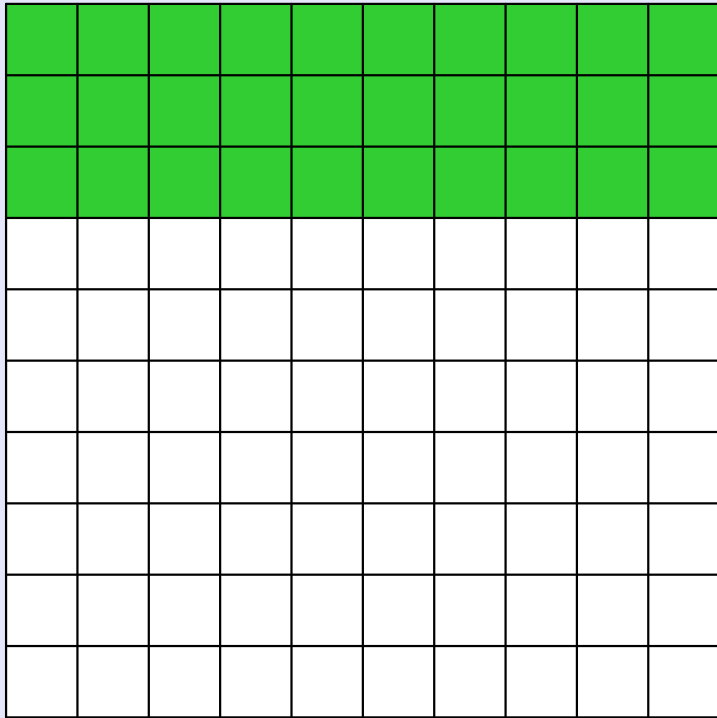
$6 \div 100 = 0.06$

$30 \div 100 = 0.3$

NOTES

What fraction of the hundred square is shaded

I do



$$\frac{30}{100} \quad \text{or} \quad \frac{3}{10}$$

We can change it into decimal
by doing $30 \div 100 = 0.3$

$$\text{so } \frac{30}{100} = \frac{3}{10} = 0.3$$

Convert the fraction to decimal

We do

$$\frac{17}{100} =$$



$$\frac{9}{100} =$$



$$\frac{6}{10} =$$



Convert the decimal to fraction

$$0.36 =$$



$$0.05 =$$



Question : Convert the following fractions to decimals.

(a) $\frac{67}{100}$ (b) $\frac{99}{100}$ (c) $\frac{9}{10}$ (d) $\frac{3}{10}$ (e) $\frac{1}{5}$ (f) $\frac{1}{2}$

You Do

Question 1: Convert the following decimals to fractions.

(a) 0.5 (b) 0.3 (c) 0.7 (d) 0.45
(e) 0.13 (f) 0.89 (g) 0.07 (h) 0.22

You Do

Question : Convert the following fractions to decimals.

(a) $\frac{67}{100}$ (b) $\frac{99}{100}$ (c) $\frac{9}{10}$ (d) $\frac{3}{10}$ (e) $\frac{1}{5}$ (f) $\frac{1}{2}$

0.67 0.99 0.90 0.30 0.20 0.50

Question Convert the following decimals to fractions.

(a) 0.5 (b) 0.3 (c) 0.7 (d) 0.45
(e) 0.13 (f) 0.89 (g) 0.07 (h) 0.22

$\frac{50}{100}$ $\frac{30}{100}$ $\frac{70}{100}$ $\frac{45}{100}$
 $\frac{13}{100}$ $\frac{89}{100}$ $\frac{7}{100}$ $\frac{22}{100}$

Write <, > or = to complete the statements.

a) 0.4 $\frac{40}{100}$

d) 0.5 $\frac{5}{100}$

b) 0.02 $\frac{20}{100}$

e) 0.88 $\frac{88}{100}$

c) 0.6 $\frac{6}{10}$

f) 0.88 $\frac{89}{100}$

Arrange in order, from smallest to largest.

$\frac{7}{10}$

0.9

$\frac{4}{5}$

0.77

$\frac{3}{4}$

You Do

Write $<$, $>$ or $=$ to complete the statements.

a) 0.4 $\bigcirc$ $\frac{40}{100}$

d) 0.5 $\bigcirc$ $\frac{5}{100}$

b) 0.02 $\bigcirc$ $\frac{20}{100}$

e) 0.88 $\bigcirc$ $\frac{88}{100}$

c) 0.6 $\bigcirc$ $\frac{6}{10}$

f) 0.88 $\bigcirc$ $\frac{89}{100}$

You Do

Arrange in order, from smallest to largest.

$\frac{7}{10}$ 0.9 $\frac{4}{5}$ 0.77 $\frac{3}{4}$

$\frac{7}{10}$, $\frac{3}{4}$, 0.77 , $\frac{4}{5}$, 0.9