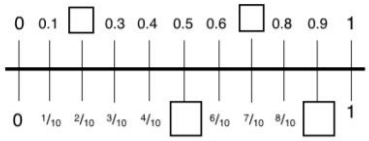
14/01/21

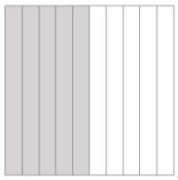
LO: To know percentage and decimal equivalents of 1/2, 1/4, 1/5, 2/5, 4/5 and fractions with a denominator of a multiple of 10 or 25.

Step 1

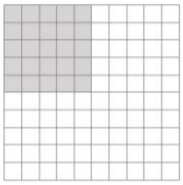
1. Complete the equivalent fractions and decimals on the number line:



2. $^1/_2 = {}^?/_{10}$



3. $^1/_4 = {}^?/_{100}$



Step 2

1. What is the decimal equivalent of:

a) $^1/_2$

b) $^1/_4$

c) $^3/_4$

2. Write these decimal numbers as fractions:

a) 0.3

b) 0.20

c) 0.45

Step 3

1. Complete the gaps in the table below:

Fraction	Fraction in hundredths	Percentage
1/2	50/100	50%
1/4	25/100	
3/4		75%
1/5	20/100	
2/5		
1/25		
1/50		

Are these statements correct?

a 75% is greater than 0.5 ☐

b One quarter is the same as 50% ☐

c 45% is greater than 0.5 ☐

d 0.42 is equivalent to 425 ☐

e You score 100% on a test. Your friend scores 20/20. You both received the same score. ☐

Complete the table.

Decimal	Fraction	Percentage
0.35	$\frac{35}{100}$	35%
0.27		
0.6		
0.06		

Use <, > or = to complete the statements.

0.36 ◯ 40% $\frac{7}{10}$ ◯ 0.07

0.4 ◯ 25% 0.4 ◯ $\frac{1}{4}$

Which of these are equivalent to 60%?

$\frac{60}{100}$ | $\frac{6}{100}$ | 0.06 | $\frac{3}{5}$ | $\frac{3}{50}$ | 0.6