

Name: ..... Class: .....

## Convert fractions to decimals

Write the following fractions as a decimal number. (follow the example).

$$\frac{9}{12}$$

$$\frac{15}{30}$$

$$\frac{26}{5}$$

$$\frac{34}{4}$$

Convert each fraction to a decimal number and choose the correct answer.

a.  $\frac{8}{100}$  into a decimal number? (your answer should be to the nearest tenths).

☐ 0.08

☐ 0.081

☐ 0

☐ 0.1

b.  $\frac{3}{11}$  into a decimal number? (your answer should be to the nearest tenths).

☐ 0.3

☐ 0.2

☐  $0.\overline{27}$ 
☐ 0.273

c.  $\frac{22}{27}$  into a decimal number? (your answer should be to the nearest thousandths).

☐ 0.814

☐ 0.8148

☐ 0.815

☐ 0.81

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## Convert fractions to decimals

Write the following fractions as a decimal number. (follow the example).

$\frac{9}{12}$	$\begin{array}{r} 12 \overline{) 9.00} \\ \underline{- 84} \phantom{0} \\ 60 \\ \underline{- 60} \\ 0 \end{array}$	$\frac{15}{30}$	$\begin{array}{r} 30 \overline{) 15.0} \\ \underline{- 150} \\ 00 \end{array}$
	$\frac{9}{12} = 0.75$		$\frac{15}{30} = 0.5$

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$\frac{26}{5}$	$\begin{array}{r} 5 \overline{) 26.0} \\ \underline{- 25} \phantom{0} \\ 10 \\ \underline{- 10} \\ 0 \end{array}$	$\frac{34}{4}$	$\begin{array}{r} 4 \overline{) 34.0} \\ \underline{- 32} \phantom{0} \\ 20 \\ \underline{- 20} \\ 0 \end{array}$
	$\frac{26}{5} = 5.2$		$\frac{34}{4} = 8.5$

Convert each fraction to a decimal number and choose the correct answer.

- a.  $8/100$  into a decimal number ? (your answer should be to the nearest tenths).
- ☒ 0.08     
 ☐ 0.081     
 ☐ 0     
 ☐ 0.1
- b.  $3/11$  into a decimal number? (your answer should be to the nearest tenths).
- ☐ 0.3     
 ☐ 0.2     
 ☒ 0.27     
 ☐ 0.273
- c.  $22/27$  into a decimal number? (your answer should be to the nearest thousandths).
- ☐ 0.814     
 ☐ 0.8148     
 ☒ 0.815     
 ☐ 0.81