

Name: Class:

Convert fractions to decimals

a. 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.

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

0.3

0.2

$0.\overline{27}$

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

 d. $8/100$ into a decimal number? (your answer should be to the nearest tenths)

0.08

0.081

0

0.1

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Convert fractions to decimals

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

$$\frac{9}{12} \quad 12 \begin{array}{r} 0.75 \\ 9.00 \\ - 84 \\ \hline 60 \\ - 60 \\ \hline 0 \end{array}$$

$$\frac{9}{12} = 0.75$$

$$\frac{15}{30} \quad 30 \begin{array}{r} 0.5 \\ 15.0 \\ - 15 \\ \hline 00 \end{array}$$

$$\frac{15}{30} = 0.5$$

$$\frac{26}{5} \quad 5 \begin{array}{r} 5.2 \\ 26.0 \\ - 25 \\ \hline 10 \\ - 10 \\ \hline 0 \end{array}$$

$$\frac{26}{5} = 5.2$$

$$\frac{34}{4} \quad 4 \begin{array}{r} 8.5 \\ 34.0 \\ - 32 \\ \hline 20 \\ - 20 \\ \hline 0 \end{array}$$

$$\frac{34}{4} = 8.5$$

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

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

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

- 0.08
 0.081
 0
 0.1