

Fractions to Decimals 2

Fractions to Decimals 2

5a. Complete the calculation to convert the fraction below to a decimal.

$$\frac{5}{8} \quad 8 \overline{) 5 \cdot 50 \quad 20 \quad 40}$$



VF

5b. Complete the calculation to convert the fraction below to a decimal.

$$\frac{7}{8} \quad 8 \overline{) 7 \cdot 70 \quad 60 \quad 40}$$



VF

6a. Match the fraction to the correct decimal.

$$\frac{7}{8} \quad 8 \overline{) 7 \cdot 0 \quad 0 \quad 0}$$

A. 0.78

B. 0.125

C. 0.875



VF

6b. Match the fraction to the correct decimal.

$$\frac{6}{5} \quad 5 \overline{) 6 \cdot 0 \quad 0 \quad 0}$$

A. 0.65

B. 1.2

C. 0.833



VF

7a. True or false?

$\frac{5}{4}$ can be converted to 0.455.

$$4 \overline{) 5 \cdot 0 \quad 0 \quad 0}$$



VF

7b. True or false?

$\frac{5}{8}$ can be converted to 0.625.

$$8 \overline{) 5 \cdot 0 \quad 0 \quad 0}$$



VF

8a. Circle the fraction that can be converted to the decimal below. Use short division to help calculate your answer.

0.25

$$\frac{3}{8}$$

$$\frac{2}{8}$$

$$\frac{6}{5}$$



VF

8b. Circle the fraction that can be converted to the decimal below. Use short division to help calculate your answer.

0.875

$$\frac{9}{4}$$

$$\frac{7}{8}$$

$$\frac{3}{5}$$



VF

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9a. Complete the calculations to convert the fractions below to decimals and complete the comparison sentence.

$$1\frac{2}{8} \quad 8 \overline{) 1 \text{ } ^1 0 \text{ } ^2 0 \text{ } ^4 0} \quad \frac{7}{5} \quad 5 \overline{) 7 \text{ } ^2 0}$$

$$\boxed{} < \boxed{}$$



VF

9b. Complete the calculations to convert the fractions below to decimals and complete the comparison sentence.

$$1\frac{6}{8} \quad 8 \overline{) 1 \text{ } ^1 4 \text{ } ^6 0 \text{ } ^4 0} \quad \frac{9}{4} \quad 4 \overline{) 9 \text{ } ^1 0 \text{ } ^2 0}$$

$$\boxed{} < \boxed{}$$



VF

10a. Match the fraction to the correct decimal. Decimals have been written to three decimal places.

- A. 1.844
- $1\frac{5}{6}$
- B. 1.388
- C. 1.833



VF

10b. Match the fraction to the correct decimal. Decimals have been written to three decimal places.

- A. 1.444
- $1\frac{4}{9}$
- B. 0.444
- C. 1.433



VF

11a. True or false?

$2\frac{4}{7}$ is less than 2.517 when written to three decimal places.



VF

11b. True or false?

$2\frac{5}{8}$ is greater than 2.265 when written to three decimal places.



VF

12a. Circle the fraction that can be converted to the decimal below. Use short division to help calculate your answer.

2.444

$2\frac{3}{5} \quad 2\frac{3}{8} \quad \frac{22}{9}$



VF

12b. Circle the fraction that can be converted to the decimal below. Use short division to help calculate your answer.

2.833

$\frac{25}{7} \quad 2\frac{5}{6} \quad 1\frac{8}{9}$



VF