



## Practice exercise: Decimals

### Subtopic: Converting Between Decimals and Fractions

A. Convert to a fraction

• **Eg:**  $0.28 = \frac{7}{25}$

- **0.28 is hundredths which is equal to  $\frac{28}{100}$ . By divide both numerator and denominator with 4, its reduce to lowest terms:  $\frac{7}{25}$ .**

1.  $0.095 =$  \_\_\_\_\_

2.  $0.375 =$  \_\_\_\_\_

3.  $0.8 =$  \_\_\_\_\_

4.  $0.125 =$  \_\_\_\_\_

5.  $0.06 =$  \_\_\_\_\_

6.  $8.04 =$  \_\_\_\_\_

7.  $2.50 =$  \_\_\_\_\_

8.  $6.78 =$  \_\_\_\_\_

9.  $0.45 =$  \_\_\_\_\_

10.  $5.55 =$  \_\_\_\_\_

B. Write each of the following as a decimal numbers.

• **Eg:**  $\frac{2}{5} = 0.4$

○ 
$$\begin{array}{r} 0.4 \\ 5 \overline{) 2.0} \\ \underline{0} \\ 20 \\ \underline{20} \\ - - \end{array}$$

1.  $\frac{1}{4} =$  \_\_\_\_\_

2.  $\frac{4}{5} =$  \_\_\_\_\_

3.  $\frac{5}{10} =$  \_\_\_\_\_

4.  $\frac{1}{25} =$  \_\_\_\_\_

5.  $\frac{9}{20} =$  \_\_\_\_\_

6.  $\frac{15}{4} =$  \_\_\_\_\_

7.  $\frac{9}{6} =$  \_\_\_\_\_

8.  $\frac{5}{4} =$  \_\_\_\_\_

9.  $\frac{25}{4} =$  \_\_\_\_\_

10.  $\frac{23}{5} =$  \_\_\_\_\_

**Answer Key**

**Practice exercise: Decimals**

**Subtopic: Converting Decimals to Fractions**

**A.**

1.  $19/200$
2.  $3/8$ .
3.  $4/5$
4.  $1/8$
5.  $3/50$
6.  $8 \frac{1}{25}$
7.  $2 \frac{1}{2}$
8.  $6 \frac{39}{50}$
9.  $9 \frac{1}{20}$
10.  $5 \frac{11}{20}$

**B.**

1. 0.25
2. 0.8
3. 0.5
4. 0.04
5. 0.45
6. 3.75
7. 1.5
8. 1.25
9. 6.25
10. 4.6