

Converting Tenths to Decimals

CBF 1

Instructions: Write each fraction as a decimal number. (Then try it without the number place boxes in the second half of the exercise set.)

1 $\frac{5}{10} = 0.5$

2 $\frac{9}{10} = \square.\square$

3 $\frac{8}{10} = \square.\square$

4 $\frac{0}{10} = \square.\square$

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

6 $\frac{6}{10} = \square.\square$

7 $\frac{1}{10} = \square.\square$

8 $\frac{4}{10} = \square.\square$

9 $\frac{7}{10} = \square.\square$

10 $\frac{2}{10} = \square.\square$

11 $\frac{4}{10} = \underline{\hspace{2cm}}$

12 $\frac{7}{10} = \underline{\hspace{2cm}}$

13 $\frac{5}{10} = \underline{\hspace{2cm}}$

14 $\frac{2}{10} = \underline{\hspace{2cm}}$

15 $\frac{9}{10} = \underline{\hspace{2cm}}$

16 $\frac{6}{10} = \underline{\hspace{2cm}}$

17 $\frac{1}{10} = \underline{\hspace{2cm}}$

18 $\frac{8}{10} = \underline{\hspace{2cm}}$

19 $\frac{0}{10} = \underline{\hspace{2cm}}$

20 $\frac{3}{10} = \underline{\hspace{2cm}}$

Converting Hundredths to Decimals

CBF 2

Instructions: Write each fraction as a decimal number.

1 $\frac{4}{100} = 0.04$

2 $\frac{20}{100} =$ _____

3 $\frac{22}{100} =$ _____

4 $\frac{79}{100} =$ _____

5 $\frac{10}{100} =$ _____

6 $\frac{85}{100} =$ _____

7 $\frac{8}{100} =$ _____

8 $\frac{15}{100} =$ _____

9 $\frac{50}{100} =$ _____

10 $\frac{63}{100} =$ _____

11 $\frac{42}{100} =$ _____

12 $\frac{41}{100} =$ _____

13 $\frac{9}{100} =$ _____

14 $\frac{17}{100} =$ _____

15 $\frac{1}{100} =$ _____

16 $\frac{7}{100} =$ _____

17 $\frac{75}{100} =$ _____

18 $\frac{33}{100} =$ _____

19 $\frac{38}{100} =$ _____

20 $\frac{99}{100} =$ _____

Converting Thousandths to Decimals

CBF 3

Instructions: Write each fraction as a decimal number.

1 $\frac{8}{1,000} = 0.008$

2 $\frac{99}{1,000} =$ _____

3 $\frac{155}{1,000} =$ _____

4 $\frac{737}{1,000} =$ _____

5 $\frac{38}{1,000} =$ _____

6 $\frac{290}{1,000} =$ _____

7 $\frac{25}{1,000} =$ _____

8 $\frac{10}{1,000} =$ _____

9 $\frac{570}{1,000} =$ _____

10 $\frac{16}{1,000} =$ _____

11 $\frac{345}{1,000} =$ _____

12 $\frac{999}{1,000} =$ _____

13 $\frac{30}{1,000} =$ _____

14 $\frac{100}{1,000} =$ _____

15 $\frac{700}{1,000} =$ _____

16 $\frac{55}{1,000} =$ _____

17 $\frac{1}{1,000} =$ _____

18 $\frac{605}{1,000} =$ _____

19 $\frac{48}{1,000} =$ _____

20 $\frac{180}{1,000} =$ _____

Converting Fractions to Decimals - Mixed Practice

CBF 4

Instructions: Write each fraction as a decimal number.

1 $\frac{47}{100} = 0.47$

2 $\frac{125}{1,000} =$ _____

3 $\frac{80}{1,000} =$ _____

4 $\frac{95}{100} =$ _____

5 $\frac{6}{10} =$ _____

6 $\frac{35}{100} =$ _____

7 $\frac{482}{1,000} =$ _____

8 $\frac{2}{10} =$ _____

9 $\frac{9}{10} =$ _____

10 $\frac{36}{1,000} =$ _____

11 $\frac{86}{100} =$ _____

12 $\frac{360}{1,000} =$ _____

13 $\frac{70}{1,000} =$ _____

14 $\frac{21}{100} =$ _____

15 $\frac{75}{100} =$ _____

16 $\frac{5}{1,000} =$ _____

17 $\frac{12}{100} =$ _____

18 $\frac{5}{10} =$ _____

19 $\frac{8}{10} =$ _____

20 $\frac{5}{100} =$ _____

21 $\frac{65}{100} =$ _____

22 $\frac{874}{1,000} =$ _____

23 $\frac{510}{1,000} =$ _____

24 $\frac{37}{100} =$ _____

Converting Decimals to Fractions

CBF 5

Instructions: Convert these decimals into fractions.

Examples

one place → $0.7 = \frac{7}{10}$
one zero

two places → $0.72 = \frac{72}{100}$
two zeros

three places → $0.725 = \frac{725}{1000}$
three zeros

1 $0.1 = \underline{\quad}$

2 $0.250 = \underline{\quad}$

3 $0.29 = \underline{\quad}$

4 $0.80 = \underline{\quad}$

5 $0.015 = \underline{\quad}$

6 $0.97 = \underline{\quad}$

7 $0.4 = \underline{\quad}$

8 $0.107 = \underline{\quad}$

9 $0.25 = \underline{\quad}$

10 $0.3 = \underline{\quad}$

11 $0.312 = \underline{\quad}$

12 $0.61 = \underline{\quad}$

13 $0.070 = \underline{\quad}$

14 $0.552 = \underline{\quad}$

15 $0.43 = \underline{\quad}$

16 $0.2 = \underline{\quad}$

17 $0.8 = \underline{\quad}$

18 $0.010 = \underline{\quad}$

19 $0.09 = \underline{\quad}$

20 $0.349 = \underline{\quad}$