



Practice exercise : Percents

Subtopic: Changing Between Percents, Decimals, and Fractions

A. Change each percent to a fraction in lowest terms

• Eg: $22\% = \frac{11}{50}$

○ $22\% = \frac{22}{100}$. By using the same method in simplifying fraction,

$$\frac{22}{100} = \frac{2 \bullet 11}{2 \bullet 50} = \frac{11}{50}$$

1. $35\% =$ _____

2. $20\% =$ _____

3. $42\% =$ _____

4. $78\% =$ _____

5. $95\% =$ _____

6. $31.8\% =$ _____

7. $59.26\% =$ _____

8. $64\frac{2}{5}\% =$ _____

9. $47\frac{1}{2}\% =$ _____

10. $80\frac{5}{6}\% =$ _____

B. Change each fraction to a percent.

• **Eg:** $\frac{1}{5} = \underline{20\%}$

○ $\frac{1}{5} * 100\% = 20\%$

1. $\frac{3}{4} = \underline{\hspace{2cm}}$

2. $\frac{5}{8} = \underline{\hspace{2cm}}$

3. $\frac{1}{3} = \underline{\hspace{2cm}}$

4. $\frac{8}{25} = \underline{\hspace{2cm}}$

5. $\frac{7}{50} = \underline{\hspace{2cm}}$

6. $\frac{3}{6} = \underline{\hspace{2cm}}$

7. $\frac{3}{25} = \underline{\hspace{2cm}}$

8. $\frac{1}{4} = \underline{\hspace{2cm}}$

9. $\frac{2}{5} = \underline{\hspace{2cm}}$

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

C. Change each percent to a decimal.

• **Eg:** $2\% = \underline{0.02}$

○ $2\% = \frac{2}{100} = 0.02$

1. $8\% = \underline{\hspace{2cm}}$

2. $25\% = \underline{\hspace{2cm}}$

3. $49\% = \underline{\hspace{2cm}}$

4. $64\% = \underline{\hspace{2cm}}$

5. $73\% = \underline{\hspace{2cm}}$

6. $8.6\% = \underline{\hspace{2cm}}$

7. $0.99\% = \underline{\hspace{2cm}}$

8. $12.8\% = \underline{\hspace{2cm}}$

9. $5.5\% = \underline{\hspace{2cm}}$

10. $34.8\% = \underline{\hspace{2cm}}$

D. Change each decimal to a percent.

- **Eg:** $0.25 = \underline{25\%}$

- $0.25 * 100\% = 25\%$

1. $2.56 = \underline{\hspace{2cm}}$

2. $0.28 = \underline{\hspace{2cm}}$

3. $0.05 = \underline{\hspace{2cm}}$

4. $0.46 = \underline{\hspace{2cm}}$

5. $9.86 = \underline{\hspace{2cm}}$

6. $0.157 = \underline{\hspace{2cm}}$

7. $2.43 = \underline{\hspace{2cm}}$

8. $1.45 = \underline{\hspace{2cm}}$

9. $2.33 = \underline{\hspace{2cm}}$

10. $8.42 = \underline{\hspace{2cm}}$

Answer Key

Practice exercise: Percents

Subtopic: Changing Between Percents, Decimals, and Fractions

A.

1. $\frac{7}{20}$
2. $\frac{1}{5}$
3. $\frac{21}{50}$
4. $\frac{39}{50}$
5. $\frac{19}{20}$
6. $\frac{15.9}{50}$
7. $\frac{29.63}{50}$
8. $\frac{161}{250}$
9. $\frac{97}{200}$
10. $\frac{97}{120}$

B.

1. 75%
2. 62.5%
3. 33.3%
4. 32%
5. 14%
6. 50%
7. 12%
8. 25%
9. 40%
10. 13.3%

C.

1. 0.08
2. 0.25
3. 0.49
4. 0.64
5. 0.73
6. 0.086
7. 0.0099
8. 0.128
9. 0.055
10. 0.348

D.

1. 256%
2. 28%
3. 5%
4. 46%
5. 986%
6. 15.7%
7. 243%
8. 145%
9. 233%
10. 842%