

Converting Percents to Decimals

A percent means "out of 100." To rewrite a percent as a decimal, divide by 100 (move the decimal two places left).

Example A: $25\% = 0.25$ Example B: $6\% = 0.06$

A. Convert each percent to a decimal.

1. $40\% =$ _____

3. $82\% =$ _____

2. $7\% =$ _____

4. $5\% =$ _____

B. Convert each percent to a decimal.

5. $12.5\% =$ _____

7. $0.5\% =$ _____

6. $3.2\% =$ _____

8. $45.6\% =$ _____

C. Convert each percent to a decimal (mixed practice).

9. $100\% =$ _____

13. $75\% =$ _____

10. $1\% =$ _____

14. $0.8\% =$ _____

11. $250\% =$ _____

15. $6.25\% =$ _____

12. $0.25\% =$ _____

16. $150\% =$ _____

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A percent means "out of 100." To rewrite a percent as a decimal, divide by 100 (move the decimal two places left).

Example A: $25\% = 0.25$ Example B: $6\% = 0.06$

A. Convert each percent to a decimal.

1. $40\% = \underline{0.40}$

3. $82\% = \underline{0.82}$

2. $7\% = \underline{0.07}$

4. $5\% = \underline{0.05}$

B. Convert each percent to a decimal.

5. $12.5\% = \underline{0.125}$

7. $0.5\% = \underline{0.005}$

6. $3.2\% = \underline{0.032}$

8. $45.6\% = \underline{0.456}$

C. Convert each percent to a decimal (mixed practice).

9. $100\% = \underline{1}$

13. $75\% = \underline{0.75}$

10. $1\% = \underline{0.01}$

14. $0.8\% = \underline{0.008}$

11. $250\% = \underline{2.50}$

15. $6.25\% = \underline{0.0625}$

12. $0.25\% = \underline{0.0025}$

16. $150\% = \underline{1.50}$