

# Percents Greater Than 100% and Percents Less Than 1%

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When you express a percent greater than 100% as a decimal, the resulting decimal is greater than 1. When you express a percent less than 1% as a decimal, the resulting decimal is less than 0.01.

## EXAMPLES

**A** Write 142% as a decimal.

$142\% = 1.42$  Divide the percent by 100 and remove the percent symbol.

**B** Write 0.00825 as a percent.

$0.00825 = 0.825\%$  Multiply the decimal by 100 and add the percent symbol.

## Try These Together

1. Express 0.682% as a decimal.

*HINT: The resulting decimal is less than 0.01.*

2. Express 3.7 as a percent.

*HINT: The decimal is greater than 1.*

## PRACTICE

**Express each percent as a decimal.**

3. 125%

4. 545%

5. 210%

6. 356%

7. 0.08%

8. 0.85%

**Express each number as a percent.**

9. 7

10. 0.007

11. 1.28

12. 4.5

13. 3.86

14.  $\frac{8}{2,000}$

15. Write 430% as a decimal.

16. Express 0.006 as a percent.

17. **Internet** Lara and Lezlie both use the Internet. Lara's Internet usage is 160% of Lezlie's. By what decimal would you multiply Lezlie's usage to get Lara's usage?



18. **Standardized Test Practice** The area of Indiana is about 0.0098 of the area of the United States. What is 0.0098 written as a percent?

**A** 0.98%

**B** 98%

**C** 9.8%

**D** 0.0098%

Answers: 1. 0.00682 2. 370% 3. 1.25 4. 5.45 5. 2.1 6. 3.56 7. 0.0008 8. 0.0085 9. 700% 10. 0.7% 11. 128% 12. 450% 13. 386% 14. 0.4% 15. 4.3 16. 0.6% 17. 1.6 18. A