

Guided Practice



Write each percent as a decimal and as a mixed number or fraction in simplest form. (Examples 1–3)

1. $325\% =$

2. $480\% =$

3. $0.6\% =$

Write each mixed number or decimal as a percent. (Examples 4–6)

4. $1\frac{4}{5} =$

5. $0.0015 =$

6. $2.75 =$

7. A manufacturing company finds that 0.0019 of the light bulbs it makes are defective. Write this as a percent. (Example 7)

Independent Practice

Go online for Step-by-Step Solutions

Help



Write each percent as a decimal and as a mixed number or fraction in simplest form. (Examples 1–3)

1. $350\% =$

2. $600\% =$

3. $0.15\% =$

4. $0.55\% =$

Write each mixed number as a percent. (Example 4)

5. $2\frac{1}{2} =$

6. $9\frac{3}{4} =$

7. $4\frac{1}{5} =$

8. $7\frac{3}{10} =$

Write each decimal as a percent. (Examples 5 and 6)

9. $8.5 =$

10. $2.64 =$

11. $0.009 =$

12. $0.0034 =$

13 The size of a large milk shake is 1.4 times the size of a medium milk shake. Write 1.4 as a percent. *Example*

14. **STEM** Fresh water from lakes accounts for only 0.001 of the world's water supply. Write this decimal as a percent. *Example*

15. In a recent year, the United States Census Bureau reported that 0.3% of the population in the United States was Japanese. Write this percent as a decimal and as a fraction. Then interpret its meaning as a ratio of the United States population.

16. Adrienne answered all 21 multiple-choice questions correctly on her science test. If her teacher decided to let one of the questions count as a bonus, worth the same number of points as the other problems on the test, what was Adrienne's test score? Write your answer as a decimal and as a percent.

Extra Practice

Write each percent as a decimal and as a mixed number or fraction in simplest form.

22. $475\% = 4.75; 4\frac{3}{4}$

23. $400\% =$

24. $0.05\% =$

25. $0.04\% =$

$$\begin{aligned} 475\% &= \frac{475}{100} \\ &= 4\frac{75}{100} \text{ or } 4\frac{3}{4} \\ &= 4.75 \end{aligned}$$

Write each decimal as a percent.

26. $1.07 =$

27. $35 =$

28. $0.003 =$

29. $0.0077 =$

30. A collectible action figure sold for 193% of its original price. Write this percent as a decimal and as a mixed number or fraction in simplest form.

31. A car's tire pressure decreased by 0.098 of its original pressure. Write 0.098 as a percent.