Lesson 4

Percents Greater than 100% and Percents Less than 1%

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 2)

Independent Practice

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% =

Show your work.

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 5

14. STEM Fresh water from lakes accounts for only 0.001 of the world's water supply. Write this decimal as a percent. Example 6

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.