Module 7   Ratio, Proportion, and Percent
Lesson 3   Decimal and Percent Equivalents

Find the decimal and percent equivalents.

1. $\dfrac{9}{10}$

Decimal: 0.9

Percent: 90%

2. $\dfrac{9}{200}$

Decimal: 0.045

Percent: 4.5%

3. $\dfrac{31}{40}$

Decimal: 0.775

Percent: 77.5%

4. $\dfrac{24}{25}$

Decimal: 0.96

Percent: 96%

5. $\dfrac{2}{11}$

Decimal: $0.\overline{18}$

Percent: $18\dfrac{2}{11}\%$

6. $\dfrac{5}{6}$

Decimal: $0.8\overline{3}$

Percent: $83\dfrac{1}{3}\%$

7. $1\dfrac{9}{10}$

Decimal: 1.9

Percent: 190%

8. $30\dfrac{11}{20}$

Decimal: 3.55

Percent: 355%

9. $9\dfrac{8}{9}$

Decimal: $9.\overline{8}$

Percent: $988\dfrac{8}{9}\%$

10. A seedling grew $\frac{5}{16}$ inch overnight. What percent of an inch did it grow?

31.25% of an inch

11. Jermaine ate $\frac{5}{9}$ of a bunch of bananas. What percent of the bunch did he eat?

$55\frac{5}{9}\%$ of the bunch