3 Solving Linear Equations

Before

In previous courses and chapters, you learned the following skills, which you'll use in Chapter 3: simplifying expressions, writing percents as decimals, and using formulas.

Prerequisite Skills

VOCABULARY CHECK

Copy and complete the statement.

1. In the expression $3x + 7 + 7x$, __?__ and __?__ are like terms.

2. The reciprocal of $\frac{5}{8}$ is __?__.

SKILLS CHECK

Simplify the expression. *(Review p. 96 for 3.2–3.6.)*

3. $5x - (6 - x)$ 4. $3(x - 9) - 16$ 5. $23 + 4(x + 2)$ 6. $x(7 + x) + 9x^2$

Write the percent as a decimal. *(Review p. 916 for 3.7.)*

7. 54% 8. 99% 9. 12.5% 10. 150%

Find the perimeter of the rectangle. *(Review p. 924 for 3.8.)*

11. 7 ft / 16 ft   12. 14 cm / 20 cm   13. 4 in. / 11 in.

TEXAS *@HomeTutor* Prerequisite skills practice at classzone.com