

Cumulative Review Chapters 3–4

Concepts and Skills

Solve each equation. Show your work. (Lesson 3.1)

1 $0.2(x + 2) - 2 = 0.4$

2 $2(x - 5) - 3(3 - x) = \frac{1}{2}(x - 2)$

3 $\frac{x}{3} + \frac{3 + x}{6} = 3$

4 $\frac{2(x + 3)}{5} - \frac{x - 1}{2} = 2$

Express each decimal as a fraction, without the use of calculator. (Lesson 3.1)

5 $0.\overline{5}$

6 $0.\overline{8}$

7 $0.2\overline{7}$

8 $0.0\overline{9}$