3.3 Practice
For use after Lesson 3.3

Solve the equation. Check your solution.

1. $y + 12 = -26$

2. $15 + c = -12$

3. $-16 = d + 21$

4. $n + 12.8 = -0.3$

5. $1\frac{1}{8} = g - 4\frac{2}{5}$

6. $-5.47 + k = -14.19$

Write the word sentence as an equation. Then solve.

7. 42 less than x is -50.

8. 32 is the sum of a number z and 9.

9. A clothing company makes a profit of $2.3 million. This is $4.1 million more than last year. What was the profit last year?

10. A drop on a wooden roller coaster is $-98\frac{1}{2}$ feet. A drop on a steel roller coaster is $100\frac{1}{4}$ feet lower than the drop on the wooden roller coaster. What is the drop on the steel roller coaster?

Practice
For use after Lesson 3.4

Solve the equation. Check your solution.

1. $\dfrac{d}{5} = -6$

2. $8x = -6$

3. $-15 = \dfrac{z}{-2}$

4. $3.2n = -0.8$

5. $-\dfrac{3}{10}h = 15$

6. $-1.1k = -1.21$

Write the word sentence as an equation. Then solve.

7. A number divided by -8 is 7.

8. The product of -12 and a number is 60.

9. You earn $0.85 for every cup of hot chocolate you sell. How many cups do you need to sell to earn $55.25?