LESSON 1.3 Practice A
For use with pages 14–20

Translate the verbal phrase into an expression.

1. 7 more than a number b

2. The product of 11 and a number x

3. 70 divided by a number m

4. $\frac{1}{3}$ of a number y

5. The difference of 18 and a number c

6. The sum of a number t and 20

7. The quotient of a number n and 15

8. 25 times a number p

Write an expression for the situation.

9. The height of a wall that is b bricks tall if each brick is 3 inches tall

10. The number of miles in a 4-mile walk left to walk if you've already walked m miles

11. The total number of lawns you will mow today if you've already mowed 4 lawns and will mow w more lawns

12. Each person's share if p people share 3 gallons of water equally

Find the unit rate.

13. $\dfrac{40 \text{ flowers}}{5 \text{ vases}}$

14. $\dfrac{6 \text{ cups}}{3 \text{ servings}}$

15. $\dfrac{\$120}{10 \text{ admission tickets}}$

16. **Photographs** You can print color photos from your digital camera at a photo printing kiosk. The cost is \$.25 per photo. Write an expression for the total cost if you print p photos. How much does it cost you to print 12 photos?

17. **Bowling** In bowling, scoring is done by frame, with a frame consisting of two attempts to knock down all the pins. A spare occurs when it takes both attempts to knock down all 10 pins. The score for a spare in the current frame is found by adding the number of pins knocked down in the first attempt of the next frame to 10, the number of pins knocked down in the spare in the current frame.

    a. Write an expression for the score of the spare if you knock down p pins in the first attempt of the next frame.

    b. What is your score for a spare if you knock down 7 pins in the first attempt of the next frame?

18. **T-Shirts** You and three friends are making tie-dyed T-shirts. The local craft store sells a tie-dye kit for \$10 and T-shirts for \$3 each.

    a. Use the verbal model below to write an expression that can be used to find the total cost for making the T-shirts.

Cost of one tie-dye kit	+	Number of T-shirts	·	Cost of one T-shirt

    b. You and your friends make 6 T-shirts. What is the total cost of the T-shirts?

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