

 $(6 \times 9) - (2 \times 5)$



8. Model with Math Lola uses 44 beads to make a bracelet and 96 beads to make a necklace. Write an expression to show how you could calculate the total number of beads Lola used to make 13 bracelets and 8 necklaces.

Sample answer: $(13 \times 44) + (8 \times 96)$

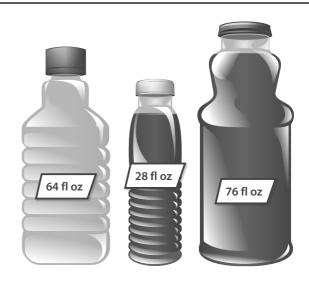
- 10. Use a property to write an equivalent expression for 12 × (100 5). Which property did you use?
 Sample answer: (12 × 100) – (12 × 5); Distributive Property
- 12. Higher Order Thinking Stephen is combining all of the juice shown to make fruit punch. Does the expression $(64 + 28 + 76) \div 6$ show how you could calculate the number of $\frac{3}{4}$ -cup servings? Explain. Yes; Divide the total amount of punch by the size of one serving. Since $\frac{3}{4}$ cup = $\frac{3}{4} \times 8$ fl oz = 6 fl oz, you can divide the total number of fluid ounces by 6.

9. Bart works 36 hours a week and makes \$612. Charles works 34 hours a week and makes \$663. Who makes more per hour? How do you know?

Charles; Sample explanation: Bart earns \$612 ÷ 36 = \$17 per hour; Charles earns \$663 ÷ 34 = \$19.50 per hour.

11. Doreen solved the following problem: $\frac{1}{6} \div 5 = \frac{1}{30}$ Show how to use multiplication to check Doreen's answer.

$$\frac{1}{30} \times 5 = \frac{1}{30} \times \frac{5}{1} = \frac{5}{30} = \frac{1}{6}$$
; it checks.



Assessment Practice

13. Which expression represents the following calculation?

Divide 688 by 32, and then add 16.

(688 ÷ 32) + 16

B $688 + (32 \div 16)$

- © (688 + 32) ÷ 16
- (D) $688 \div (32 + 16)$

14. Which is the first step in evaluating the expression?

 $(25-9)\div8\times3$

- (A) Multiply 8 and 3
- B Subtract 25 and 9
- © Divide 9 by 8
- D Multiply 9 and 3