

3.4**Practice**

For use after Lesson 3.4

Use the Distributive Property and mental math to find the product.

1. 4×31

2. 7×49

3. $16(38)$

Use the Distributive Property to simplify the expression.

4. $8(5 + w)$

5. $11(9 + d)$

6. $15(p + 4 + 2)$

Simplify the expression.

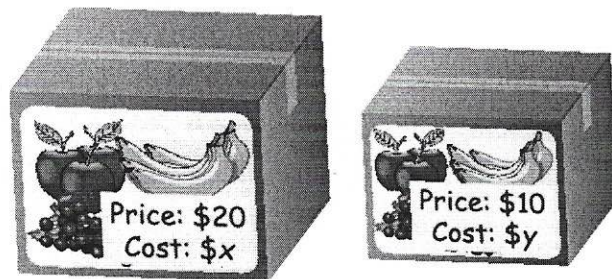
7. $2x - 4 + 3x$

8. $4y - 1 - 3y + 2$

9. $x + 2(x - 4)$

10. A jazz band sells 31 large boxes of fruit and 74 small boxes of fruit for a fundraiser.

- a. Use the Distributive Property to write and simplify an expression for the profit.



$$\text{Profit} = \text{Price} - \text{Cost}$$

- b. A large box of fruit costs \$9 and a small box of fruit costs \$4. What is the jazz band's profit?