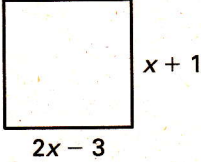


**Parents as Partners**

For use with Chapter 2

**Key Ideas** Your student can demonstrate understanding of key concepts by working through the following exercises with you.

Lesson	Exercise
2.1	Evaluate the expression. (a) $-3 + 6 + (-2)$ (b) $-5(-6)7$ (c) $-3 \cdot 9 + (-4)$
2.2	Use the distributive property to write an equivalent variable expression. (a) $-3(x + 2)$ (b) $4(5 - 2p)$ (c) $(7 + 6x)(-1)$
2.3	Write and simplify an expression for the perimeter of the rectangle. 
2.4	Write the verbal sentence as an equation. (a) The product of 4 and $t$ is 24.      (b) The difference of $p$ and 9 is 17.
2.5	Solve the equation. (a) $14 - x = 8$ (b) $-11 = 12 + x$ (c) $y - 6 = 15$
2.6	Solve the equation. (a) $4b = 32$ (b) $\frac{p}{6} = -3$ (c) $84 = -7y$
2.7	Solve the equation. (a) $k + 3.2 = 7$ (b) $\frac{5.6}{x} = 2.8$ (c) $-d + 4.7 = 1.6$

**Home Involvement Activity**

**Directions:** Find out the number of school days there are in your school year. Then find out how many days school has already been in session this year. Write and solve an equation to determine how many days of school you have left. Do the same to determine how many days there are left in the calendar year. When determining how many days are in a year, consider if it is a leap year or not.

2.1: (a) 1 (b) 210 (c) -31    2.2: (a)  $-3x - 6$  (b)  $20 - 8p$  (c)  $-7 - 6x$     2.3:  $6x - 4$   
 2.4: (a)  $4t = 24$  (b)  $p - 9 = 17$     2.5: (a) 6 (b)  $-23$  (c) 21    2.6: (a) 8 (b) -18 (c) -12  
 2.7: (a) 3.8 (b) 2 (c) 3.1

**ANSWERS**