Math 7 Period	Name
7.6.4 Homework Set	Date

- 1. Find the products. (from Unit 5, Lesson 9)
 - A. (100) · (−0.09)

B. $(-7) \cdot (-1.1)$

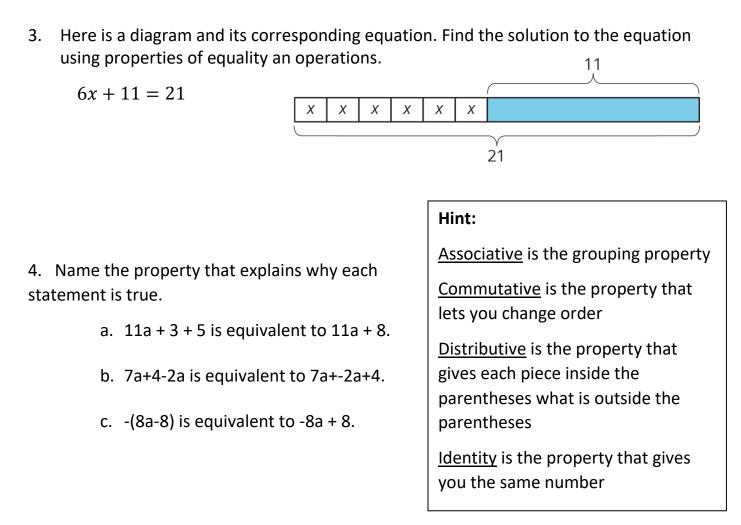
- 2. Here are two stories:
 - A family buys 6 tickets to a show. They also pay a \$3 parking fee. They spend \$27 to see the show.
 - Diego has 27 ounces of juice.
 He pours equal amounts for each of his 3 friends and has 6 ounces left for himself.

- Here are two equations:
 - 3x + 6 = 27
 - $\circ 6x + 3 = 27$

- A. Decide which equation represents each story. What does *x* represent in each story?
- B. Find the solution to each equation using properties of operations and equality.

3x + 6 = 27 6x + 3 = 27

C. What does each solution tell you about its situation?



5. Sam says that the expression 4-5x is equivalent to the expression -x. Max disagrees, and says that we cannot write 4-5x as equivalent to -x. Who do you agree with, Sam

or Max? Explain why you agree.