

3.3**W 4_Day 4: Homework**

Tell which property illustrates the statement.

1. $x \cdot 1 = x$

2. $4.8 + k = k + 4.8$

Simplify the expression. Explain each step.

3. $8 + (7 + x)$

4. $10(11a)$

Complete the statement using the specified property.

	Property	Statement
5.	Addition Property of Zero	$(b + 0) + 6 =$
6.	Commutative Property of Multiplication	$3 \cdot (n \cdot 5) =$

7. You earn 10 points for every coin you collect in a video game. Then you find a star that triples your score.

a. Write an expression for the number of points you earn from the coins.

b. Write and simplify an expression for the total number of points you earn.

8.

Error Analysis A class must use the Associative Property of Addition to write an expression equivalent to $38 + (18 + 14)$. One student incorrectly comes up with the expression $38 + (14 + 18)$.

a) Use the Associative Property of Addition to write an expression equivalent to $38 + (18 + 14)$.

b) What was the student's error?