1. Give an example using the numbers 5 and 4 to show the Commutative Property.

2. Give an example using the numbers 10, 11, and 12 to show the Associative Property.

3. Find the missing term. 8.4(1.5 + 2.3x) = 12.6 +\_\_\_\_\_

Simplify each expression by combining like terms.

45x + 9x	5. $3(5x-3)+2x$	6. $-3a+6b+2a-8b+5b$
$\frac{1}{7}$ . $2x^3 + 6x^2 - 4x$	8.  -4(2x-5y)+4x-7y	9. $2(2x-5)-(-3x-5)$
	,	

10. Jessica attempted to simplify the following expression. Is she correct? If not, identify where Jessica made her mistake and simplify the expression correctly.

$$3(2x-4) + 5(2x-6) =$$

$$6x-12+10x-30 =$$

$$6x+10x-12-30 =$$

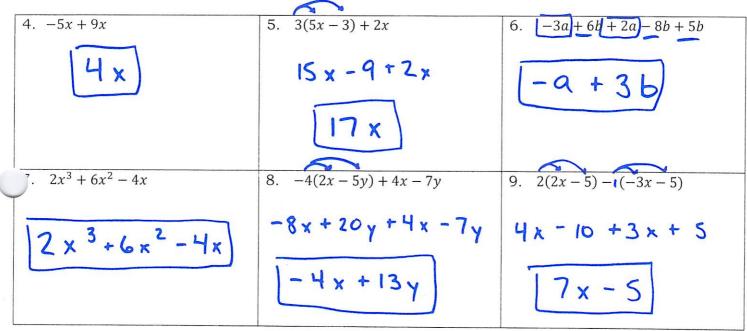
$$16x^2-42$$

1. Give an example using the numbers 5 and 4 to show the Commutative Property.

2. Give an example using the numbers 10, 11, and 12 to show the Associative Property.

3. Find the missing term. 8.4(1.5 + 2.3x) = 12.6 + 19.32x

Simplify each expression by combining like terms.



10. Jessica attempted to simplify the following expression. Is she correct? If not, identify where Jessica made her mistake and simplify the expression correctly.

$$3(2x-4)+5(2x-6)=$$
 $6x-12+10x-30=$ 
 $6x+10x-12-30=$ 
 $16x^2-42$ 

Distributive Prop +

Commutative Prop +

Combining Like Terms