

1a. Use the cards below to create three balanced equations where $x = 6$. You must use a different operation in each equation.

$6x$	21	x	4
3	9	$2x$	



PS

1b. Use the cards below to create three balanced equations where $x = 7$. You must use a different operation in each equation.

14	7	2	$2x$
21	$5x$	$6x$	



PS

2a. Choose a value for y and find three possibilities to complete the following equation.

$$2y - \square = \square$$

7		
y	y	$- ?$



PS

2b. Choose a value for y and find three possibilities to complete the following equation.

$$4y + \square = \square$$

27				
y	y	y	y	$+ ?$



PS

3a. Scott and Mia are solving the following algebraic equation.

$$2x + 6 = 19 + 5$$



Scott

x must be 6 for this equation to be balanced.

x must be 9 for this equation to be balanced.



Mia

Who is correct? Prove it.



R