

Algebra 1 Bellwork Monday, March 30, 2015

Find the factors on the outside of each box.

1.

	?	?	
?	$6x^2$	$+8x$	
?	$-15x$	-20	

2.

	?	?	
?	$54x^2$	$-24x$	
?	$+9x$	-4	

3.

	?	?	
?	$4x^2$	$-16x$	
?	$-7x$	$+28$	

4.

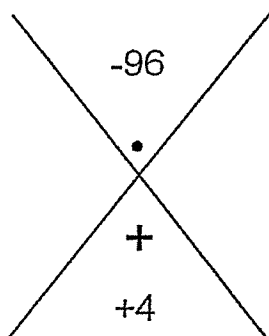
	?	?	
?	$3x^2$	$+6x$	
?	$-4x$	-8	

5.

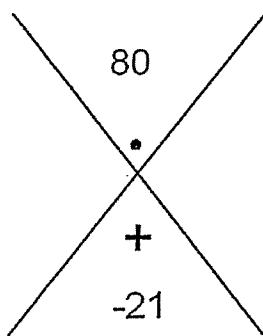
	?	?	
?	$20x^2$	$-28x$	
?	$-15x$	$+21$	

Find the numbers on the left and right of the X.

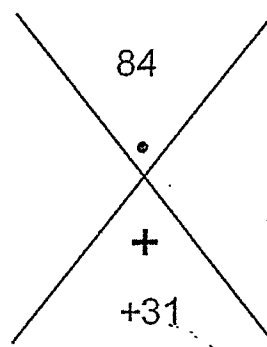
6.



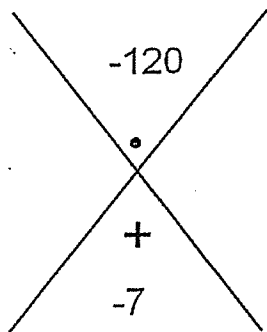
7.



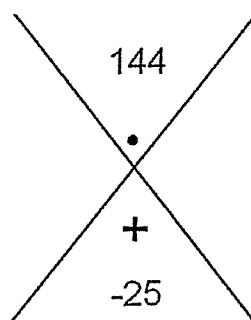
8.



9.



10.



Algebra 1 Bellwork Monday, March 30, 2015 *ANSWERS*

Find the factors on the outside of each box.

1. $3x$ $+4$
? ?

$$\begin{array}{|c|c|} \hline 2x? & 6x^2 & +8x \\ \hline -5? & -15x & -20 \\ \hline \end{array}$$

2. $9x$ -4
? ?

$$\begin{array}{|c|c|} \hline 6x? & 54x^2 & -24x \\ \hline +1? & +9x & -4 \\ \hline \end{array}$$

3. x -4
? ?

$$\begin{array}{|c|c|} \hline 4x? & 4x^2 & -16x \\ \hline -7? & -7x & +28 \\ \hline \end{array}$$

4. x $+2$
? ?

$$\begin{array}{|c|c|} \hline 3x? & 3x^2 & +6x \\ \hline -4? & -4x & -8 \\ \hline \end{array}$$

5. $5x$ -7
? ?

$$\begin{array}{|c|c|} \hline 4x? & 20x^2 & -28x \\ \hline -3? & -15x & +21 \\ \hline \end{array}$$

Find the numbers on the left and right of the X.

6. -96
 $+12$ -8
+
 $+4$

7. 80
 -16 -5
+
 -21

8. 84
 $+28$ $+3$
+
 $+31$

9. -120
 -15 $+8$
+
 -7

10. 144
 -16 -9
+
 -25