Hwk #8

Sec 1-5

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You DON'T need to graph the solutions

Problems 10, 14, 20, 23, 41, 47, 51

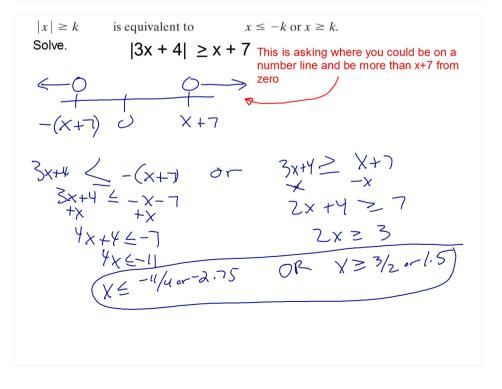
Due Tomorrow

Solve. $2|x+13.9|+43 \le 5$ -43 $2|x+13.9| \le -38$ $2|x+13.9| \le -38$ The absolute value will Never be less than a negative number!

Solve. |3x + 8| + 29 > 17-29

The absolute value is ALWAYS going to be greater than a negative number

All Real Numbers



Evaluate for:
$$A = -5$$

$$B = -6$$
 $C = 4$

1.
$$-B^2 - 2C^2 - AB$$

2.
$$-3|B-C|-|A|$$

 $-3|-6-4|-1-5|$
 $-3|-10|-5$
 $-30-5=-35$

$$-(-6)^{2}-2(4)^{2}-(-5)(-6)$$

$$-36-32-30$$

$$=-98$$

$$CT \frac{WE - KR}{CT} = \frac{Z - \frac{E + M}{G}}{G}$$

$$G \left(WE - KR\right) = \frac{ZCT}{G} - \frac{ECT}{G} + \frac{MCT}{G}$$

$$WEG - KRG = \frac{ZCTG}{G} - \frac{ECT}{G} + \frac{MCT}{G}$$

$$WEG - KRG = \frac{ZCTG}{G} - \frac{ECT}{G} - \frac{MCT}{G} + \frac{MCT}{G}$$

Solve for *E*. State Restrictions on the variables.

$$CT \frac{WE - KR}{CT} = \frac{Z - E + M}{G}$$

$$G = \frac{ZCT}{G} - \frac{ECT}{G} + MCT$$

$$WEG - KRG = \frac{ZCTG}{G} - \frac{ECT}{G} + MCT$$

$$WEG - KRG = \frac{ZCTG}{G} - \frac{ECT}{G} + MCT$$

$$WEG + \frac{ECT}{G} = \frac{ZCTG}{G} - \frac{MCT}{G} + \frac{KRG}{G} = \frac{GCT}{G}$$
factor
$$G = \frac{ZCTG}{G} - \frac{MCT}{G} + \frac{KRG}{G} = \frac{GCT}{G}$$

WG+CT#0