

You will learn to:

Evaluate absolute value expressions
Solve absolute value equations

Remember absolute value:

What about |x| = 6; x = ?

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Evaluate |m + 6| - 14 if m = 4.

1. Evaluate 23 - |3 - 4x| if x = 2.

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Solve each equation. Then graph the solution set.

a. 
$$|f + 5| = 17$$

**b.** 
$$|b-1|=-3$$



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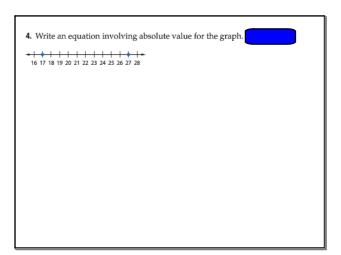
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SNAKES The temperature of an enclosure for a pet snake should be about 80°F, give or take 5°. Find the maximum and minimum temperatures.

3. ICE CREAM Lee cream should be stored at 5°F with an allowance for 5°. Write and solve an equation to find the maximum and minimum temperatures at which the ice cream should be stored.

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Do Now: p 105, # 1-12