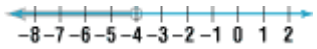
Algebra Quick Quiz 10102019

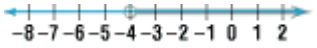
Name.....
Periods.....

1. Choose the graph of the solution of $-4k > -16$.

☐ A. 

☐ B. 

☐ C. 

☐ D. 

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2. Sarah must maintain a balance of at least $500 in her checking account to avoid finance charges. If her current balance is $794, write an inequality to determine how many times she can withdraw $25 for shopping without paying finance charges.

☐ A. $25w \leq 106$

☐ B. $25w \leq 294$

☐ C. $25w \leq 794$

☐ D. $25w \leq 500$

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3. Which inequality could have the solution set shown?

☐ A. $4p < -32$

☐ B. $2p > -16$

☐ C. $-5p > -40$

☐ D. $-3p < -24$

$$-\frac{b}{3.8} \leq 2.$$

4. Find the solution of . $-\frac{b}{3.8} \leq 2$.

- A. $b \leq$ -7.6
- B. $b \leq$ 7.6
- C. $b \geq$ -7.6
- D. $b \geq$ 7.6

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5. Solve $\frac{x}{-14} < 21$.

- A. $x >$ -294
- B. $x >$ 294
- C. $x <$ 294
- D. $x <$ -294

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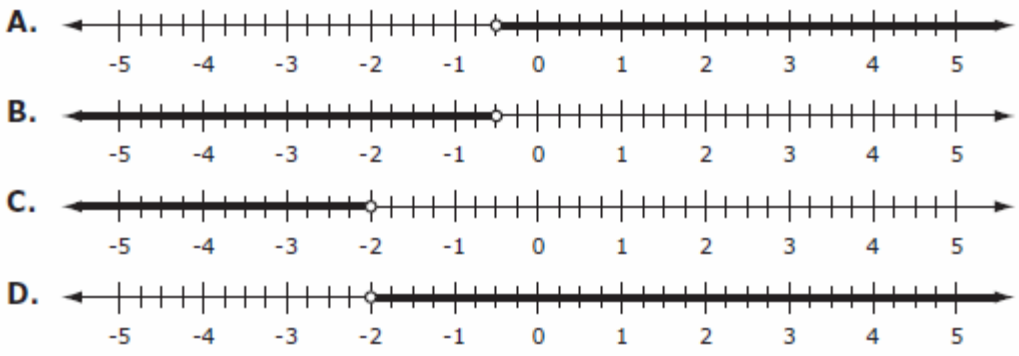
6. Solve: 6-3(4x-5) = 7

7. Which graph represents the solution set for $\frac{1}{2} - \frac{2}{3}x < \frac{5}{6}$?



8. 2 = x + 6x + 9

9. - 2x - 9 = - x - 15

10. 5x - 10 = 60 - 5x