Name: Date: Hour:

Find the solution for the equation below-show your work!

$k + 32 = 89$

$-32 \quad -32$

$k = 57$

a. 52 b. 57 c. 62 d. 67

Find the solution for equation below-show your work!

$\frac{5d}{5} = \frac{90}{5}$

$d = 18$

a. 20 b. 15 c. 18 d. 17

Sara wanted to buy headbands that cost $2.50. She went to the store and bought some. She spent $17.50. Which equation can be used to solve for how many headbands, h, she bought?

a. $2.50 + h = 17.50$ b. $2.50h = 17.50$ c. $17.50 - h = 2.50$ d. $17.50h = 2.50$

$h \cdot 2.50 = 17.50$ $2.50h = 17.50$ $\frac{17.50}{2.50} = h$ $\frac{17.50}{h} = 2.50$

Chris wants to buy some game cards. He has saved $14.00 total but needs $23.00 before he can buy what he wants. Which equation shows how much he needs to still save, m, before he can go shopping?

a. $23m = 14.00$ b. $14.00 + m = 23.00$ c. $23.00 + m = 14.00$ d. $14m = 23.00$

$14 + m = 23$ $m + 14 = 23$ $23 - 14 = m$ $23 - m = 14$

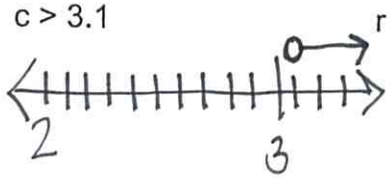
6.EE.B.8 Graph an inequality.

- Rewrite the inequality using words-this will help you decide which way the arrow goes.
- Decide open circle or shaded circle. How would you know the difference?
- Draw your number line. Put at least three numbers on your number line-one before the number, the number in your inequality, and then the number that comes after.
- Draw your arrow.

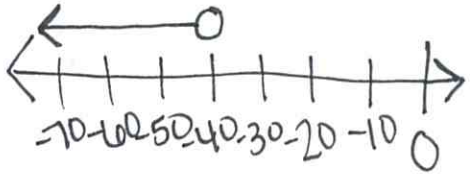
Graph these inequalities:

$d < -2.5$

$c > 3.1$



$r < -40$



Choose the pair of inequalities that model the possible measurements of this problem.

Tommy is working on a project for tech ed. He is building a box that will be used to store extra books. The box must be bigger than 48 inches and smaller than 72 inches. Use b for the variable.

$b < 48$ and $b < 72$ $72 < b$ and $48 < b$ $b > 48$ and $b < 72$

$b > 48$

$b < 72$