

Blue: Writing and Graphing Inequalities

Name _____

1. a) That package must weigh at least 100 pounds!



- b) All of the fish in the tank have more than 20 spots but at most 50 spots



- c) $[-3, 9]$



Name _____

2. a) The water temperature is less than 60 degrees.



- b) I want my newborn to have a name that's at least 4 letters long but no more than 8 letters.



- c) $(5, 7]$



Name_____ -

3. a) Joe has more than 7 cousins



- b) You better get a grade between 80 and 100 inclusively on the next test.

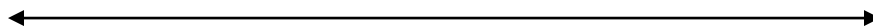


- c) $(-4, 0)$

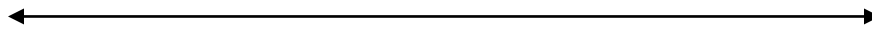


Name_____

4. a) I've got no more than \$50 in my pocket.



- b) Jeremy walks more than 4 miles but less than 8 miles every week.



- c) $[7, 10)$

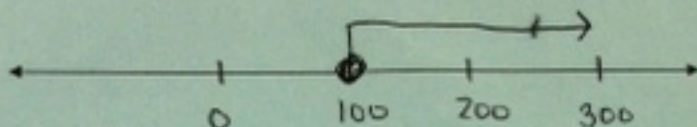


Blue: Writing and Graphing Inequalities

Name Key

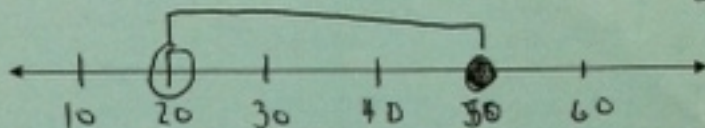
1. a) That package must weigh at least 100 pounds!

$$x \geq 100$$



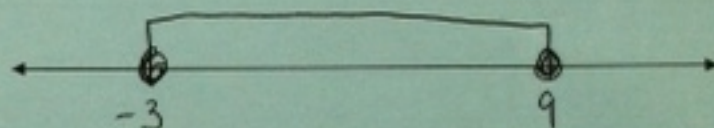
- b) All of the fish in the tank have more than 20 spots but at most 50 spots

$$20 < x \leq 50$$



- c) $[-3, 9]$

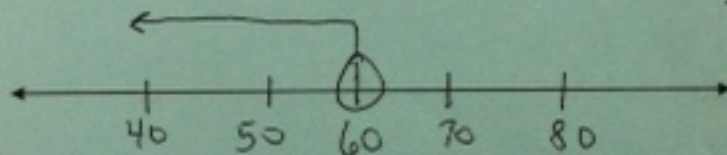
$$-3 \leq x \leq 9$$



Name Key

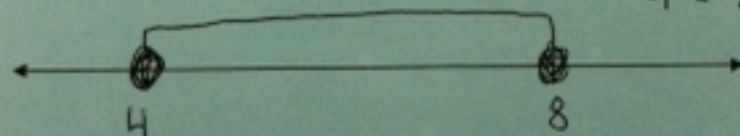
2. a) The water temperature is less than 60 degrees.

$$x < 60$$



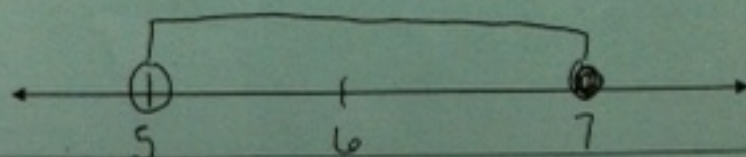
- b) I want my newborn to have a name that's at least 4 letters long but no more than 8 letters.

$$4 \leq x \leq 8$$



- c) $(5, 7]$

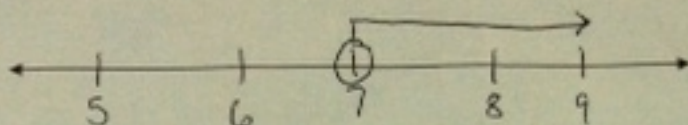
$$5 < x \leq 7$$



Name Key

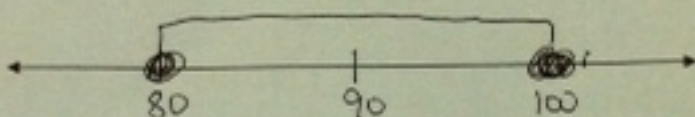
3. a) Joe has more than 7 cousins

$$x > 7$$



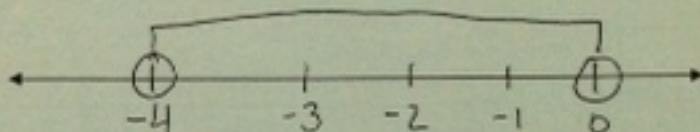
- b) You better get a grade between 80 and 100 inclusively on the next test.

$$80 \leq x \leq 100$$



- c) $(-4, 0)$

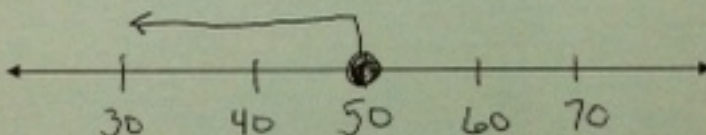
$$-4 < x < 0$$



Name Key

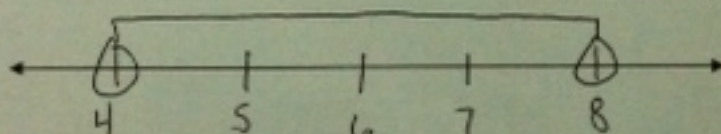
4. a) I've got no more than 850 in my pocket.

$$x \leq 50$$



- b) Jeremy walks more than 4 miles but less than 8 miles every week.

$$4 < x < 8$$



- c) $[7, 10)$

$$7 \leq x < 10$$

