Homework

Activity 1

Tell whether each statement is true or false. On your paper, write T for true or F for false for each problem.

Model If $5 < x < 20$, a possible value of x is 20. Answer: F

1. If $75 < y \leq 99$, a possible value of y is 88.
2. If $75 < y \leq 99$, a possible value of y is 75.
3. If $75 < y \leq 99$, a possible value of y is 99.
4. If $75 < y \leq 99$, a possible value of y is 79.

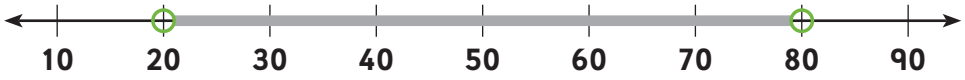
Activity 2

Tell if the number line shows the double inequality. Answer Yes or No. If no, tell how you would change it.

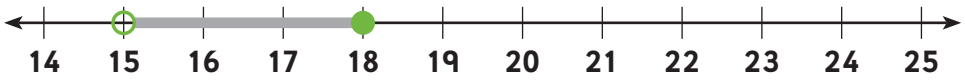
Model $43 < x \leq 45$ Answer: No, the circle on 43 should be open.

1. $99 > m \geq 95$

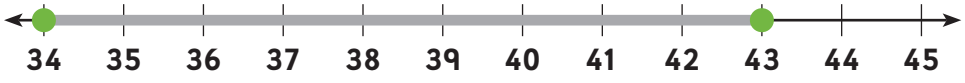
2. $20 < n < 80$



3. $18 > x \geq 15$



4. $34 \leq z \leq 43$



Homework

Activity 3

Write a statement that describes a situation using the given context (e.g., temperature, price, ounces).

Model $m < 5$ and $m > 2$, where m is Mickey's age in years.
Answer: Mickey is between 2 and 5 years old.

1. $10 \leq t \leq 50$, where t is the temperature in degrees.
2. $35 \leq p \leq 150$, where p represents the price in dollars of all the cameras at the department store.
3. $24 \geq w$ and $8 < w$, where w is the number of ounces of water a person drank in a day.

Activity 4 • Distributed Practice

Solve.

1. $11.05 \cdot 3 = a$
2. $537 + b = 601$
3. $\frac{1}{2} + \frac{1}{9} = c$
4. $70 \cdot d = 630$
5. $16.8 \div 2 = e$
6. $47.3 + 12.9 = f$
7. $g - 16 = 109$
8. $\frac{3}{8} - \frac{1}{3} = h$
9. $1.8 \cdot 4 = j$