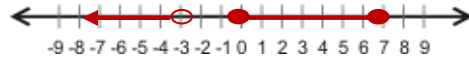


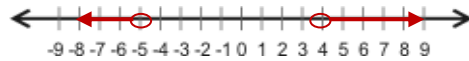
Quiz: Set-Builder and Interval Notation

Rewrite the number line using set-builder and/or interval notation.

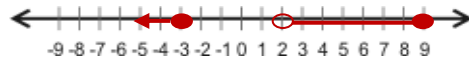
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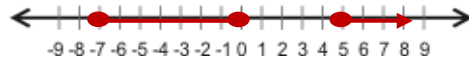
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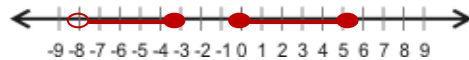
3



4



5



Write the following inequality in interval notation:

6 $-3 \leq x \leq 2$ or $3 \geq x > 8$

"All numbers from negative six up to and including negative one." Write a statement of given situation.

7

Write a statement of situation $x \neq 2$.

8

Write the following inequality in interval notation:

9 $-1 < x$ or $2 \leq x < 4$

What is the difference between the number line graphs of these two intervals: $[-7, 0] \cup (4, 8]$?

10

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%