

## Basic Inequalities

**1** In each circle, draw the inequality sign that correctly compares the two numbers.

$$10 \bigcirc 3$$

$$15 \bigcirc 20$$

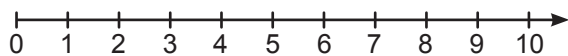
**2** In each circle, draw the inequality sign that correctly compares the two numbers.

$$7 \bigcirc 8$$

$$1 \bigcirc 0$$

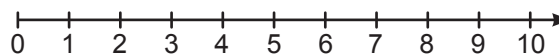
**3** Graph this inequality on the number line.

$$n > 6$$



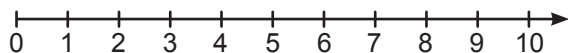
**4** Graph this inequality on the number line.

$$n \leq 5$$



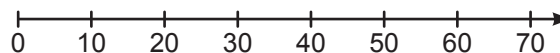
**5** Graph this compound inequality on the number line.

$$2 < n < 8$$



**6** Graph this compound inequality on the number line.

$$0 < n \leq 40$$

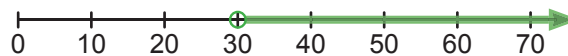


**7** Write the inequality that is represented on the graph.



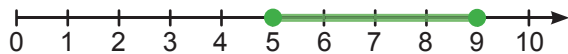
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**8** Write the inequality that is represented on the graph.



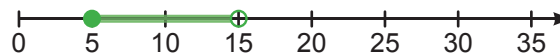
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**9** Write the compound inequality that is represented on the graph.



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**10** Write the compound inequality that is represented on the graph.



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