

NAME _____

Date _____ Period _____

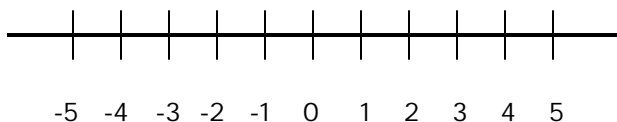
Section 2.2

ALGEBRA

Compound Inequalities: Practice A

Directions: Graph Each Compound inequality on the Number Line

1. $x > 3$ or $x = -1$



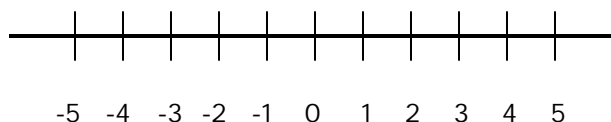
2. $x = 5$ and $x > 1$



3. $-2 = x < 2$



4. $x = 1$ or $x < -3$



Directions: Solve the compound inequality and choose the correct answer listed on the right. You do not need to graph it.

5. $2x < 6$ or $x - 2 > 4$

A) $x > 3$ or $x < 6$

B) $x < 3$ or $x > 6$

C) $x < 3$ and $x > 6$

D) $3 < x < 6$

5. $4x = 16$ and $2x - 2 = 4$

A) $x < 4$ and $x > 3$

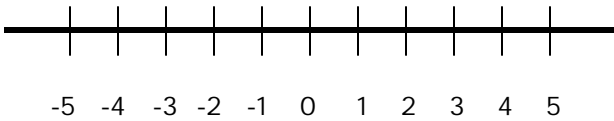
B) $x = 4$ and $x > 3$

C) $x < 4$ and $x = 3$

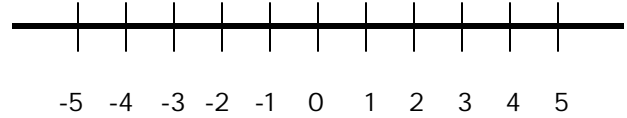
D) $x = 4$ and $x = 3$

Directions: Solve the compound inequality and graph it on the number line below.

6. $3x + 5 > 14$ or $5x - 1 < -16$



7. $5 = x + 3 < 9$



8. Solve the compound inequality and choose the appropriate graph from the right.

$-2x > 8$ or $6x > 24$

