

Directions: Cut out the pieces below and match up each compound inequality with its solution and correct graph. Glue your answers onto your worksheet.

$$-3 < x + 2 < 7$$

$$1 < x < 7$$



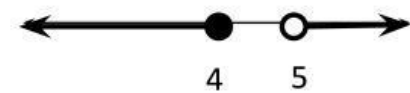
$$\frac{1}{2} < \frac{3x-1}{4} < 5$$

$$x < -7 \text{ or } x > 4$$



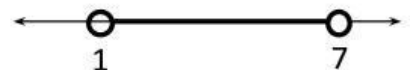
$$3x + 4 \geq 13 \text{ or } 6x - 1 < 11$$

$$c < 2 \text{ or } c \geq 3$$



$$6 - x < 1 \text{ or } 3x \leq 12$$

$$-5 < x < 5$$



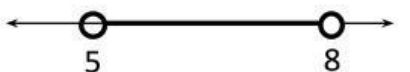
$$3 - 2x > 17 \text{ or } 5x - 3 > 17$$

$$5 < x < 8$$



$$-2 \leq 2x - 4 < 6$$

$$x \leq 4 \text{ or } x > 5$$



$$-16 < -3x + 8 < -7$$

$$1 \leq x < 5$$

