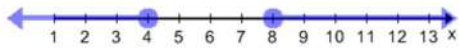


Solve each compound inequality and graph its solution.

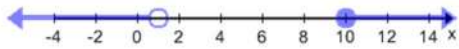
1.

$$n - 2 < -1 \text{ or } -2 + n \geq 8$$

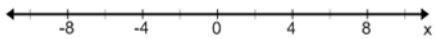
A) $n \leq 4 \text{ or } n \geq 8$



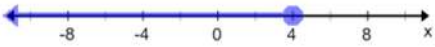
B) $n < 1 \text{ or } n \geq 10$



C) No solution



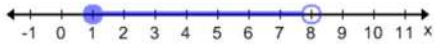
D) $n \leq 4$



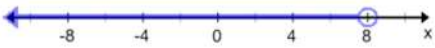
2.

$$4 \leq 4r < 32$$

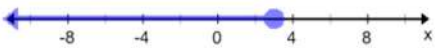
A) $1 \leq r < 8$



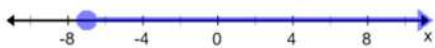
B) $r < 8$



C) $r \leq 3$



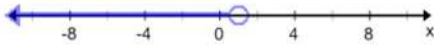
D) $r \geq -7$



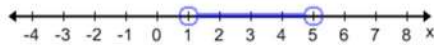
3.

$$11 < k + 10 < 15$$

A) $k < 1$



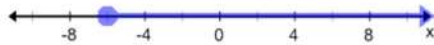
B) $1 < k < 5$



C) $0 < k < 8$



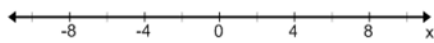
D) $k \geq -6$



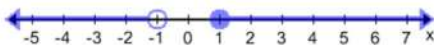
4.

$$n + 5 > 1 \text{ or } -10n \geq 80$$

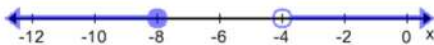
A) No solution



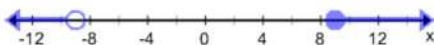
B) $n \geq 1 \text{ or } n < -1$



C) $n > -4 \text{ or } n \leq -8$



D) $n < -9 \text{ or } n \geq 10$



5.

$$1 \leq \frac{v}{4} < 2$$

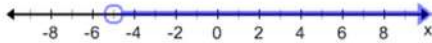
A) $-5 < v < 1$



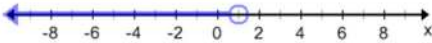
B) $4 \leq v < 8$



C) $v > -5$



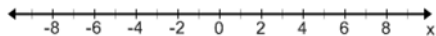
D) $v < 1$



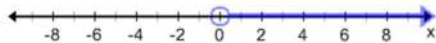
6.

$$-8k \geq 16 \text{ or } k - 7 \geq -2$$

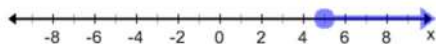
A) {All real numbers}



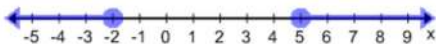
B) $k > 0$



C) $k \geq 5$



D) $k \leq -2 \text{ or } k \geq 5$



Algebra

A090- Solving Compound Inequalities

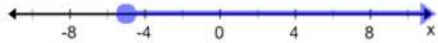
7.

$$0 \leq r + 5 < 9$$

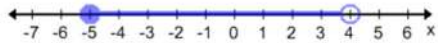
A) $3 \leq r \leq 8$



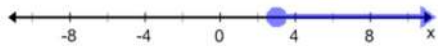
B) $r \geq -5$



C) $-5 \leq r < 4$



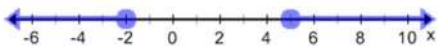
D) $r \geq 3$



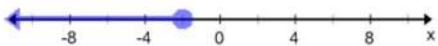
8.

$$4 + a \leq 2 \text{ or } a - 8 \geq -3$$

A) $a \leq -2 \text{ or } a \geq 5$



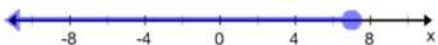
B) $a \leq -2$



C) $a \leq 7 \text{ or } a \geq 9$



D) $a \leq 7$



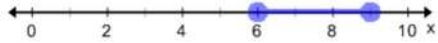
Algebra

A090- Solving Compound Inequalities

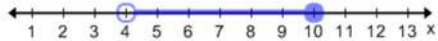
9.

$$2 < \frac{r}{2} \leq 5$$

A) $6 \leq r \leq 9$



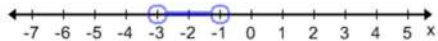
B) $4 < r \leq 10$



C) $-8 \leq r \leq 10$



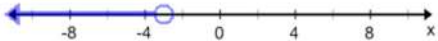
D) $-3 < r < -1$



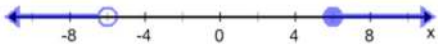
10.

$$\frac{v}{6} < -1 \text{ or } -4v \leq -24$$

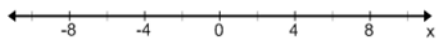
A) $v < -3$



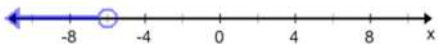
B) $v < -6 \text{ or } v \geq 6$



C) {All real numbers}



D) $v < -6$



Algebra

A090- Solving Compound Inequalities



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