

Question: If x satisfies $|3x - 2| + |3x - 4| + |3x - 6| \geq 12$, then

a)

$$x \leq 0 \text{ or } x \geq \frac{8}{3}$$

b)

$$0 \leq x \leq \frac{8}{3}$$

c)

$$x \geq \frac{8}{3} \text{ or } \frac{-4}{3}$$

d) None of these

Answer:

$$x \leq 0 \text{ or } x \geq \frac{8}{3}$$