

September 11, 2015

Exam #1

#10) $|3x - 12| = 15$

① $3x - 12 = 15$
 $3x = 27$
 $x = 9$

② $3x - 12 = -15$
 $3x = -3$
 $x = -1$

Sep 11-10:57 AM

#11) $|-3x + 11| \leq 15$

$-15 \leq -3x + 11 \leq 15$

$\frac{-26}{-3} \leq \frac{-3x}{-3} \leq \frac{4}{-3}$

$\frac{26}{3} \geq x \geq -\frac{4}{3}$

$-\frac{4}{3} \leq x \leq \frac{26}{3}$

$-\infty \quad \left[\leftarrow x \rightarrow \right] \quad +\infty$

S.P. $\left\{ x \mid -\frac{4}{3} \leq x \leq \frac{26}{3} \right\}$

I.I. $\left[-\frac{4}{3}, \frac{26}{3} \right]$

Sep 11-11:03 AM

$v = u + at$

$\frac{v - u}{a} = \frac{at}{a}$

Sep 11-11:11 AM