

3.1&3.2 Quiz

Calendar Math

Homework Questions

Work on 3.1 and 3.2 Both due at the end of the class period.

Act Prep: homework or work on if done with 3.1 and 3.2

Oct 7-8:48 AM

$$\begin{aligned} & \textcircled{11} \frac{3}{x^2-2x+2} + \frac{-3}{x-2} \\ & \frac{2}{-2} \times \frac{3}{(x-2)(x-1)} + \frac{-3}{x-2} \frac{(x-1)}{(x-1)} \\ & \frac{-3}{(x-2)(x-1)} + \frac{-3x+3}{(x-2)(x-1)} \\ & \frac{3-3x+3}{(x-2)(x-1)} = \frac{-3x+6}{(x-2)(x-1)} \\ & \frac{-3(\cancel{x-2})}{(\cancel{x-2})(x-1)} \quad \begin{matrix} x-2 \neq 0 \\ x-1 \neq 0 \\ +1 \neq 0 \end{matrix} \quad \begin{matrix} y \neq 2 \\ x \neq 1 \end{matrix} \\ & \boxed{\frac{-3}{x-1}} \quad X \neq 1, 2 \end{aligned}$$

Oct 7-9:03 AM

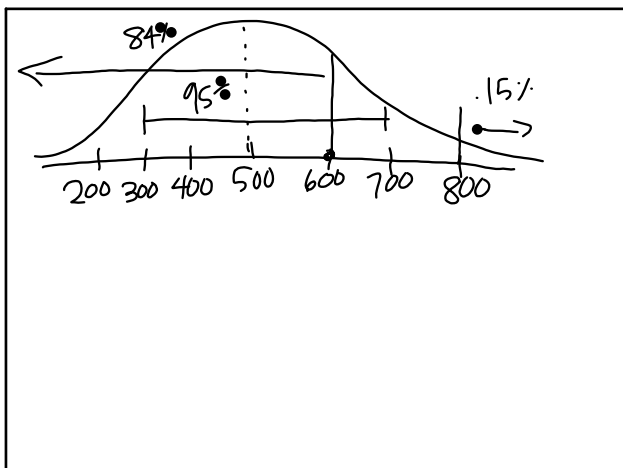
$$\begin{aligned} & \textcircled{11} \frac{4}{x+3} + \frac{-10}{x-3} + \frac{x+2}{x^2-9} \\ & \frac{(x-3)}{(x-3)} \frac{4}{x+3} + \frac{(x+3)}{(x+3)} \frac{-10}{x-3} + \frac{x+2}{(x-3)(x+3)} \\ & \frac{4x-12}{(x-3)(x+3)} + \frac{-10x-30}{(x+3)(x-3)} + \frac{x+2}{(x-3)(x+3)} \\ & \frac{4x-12-10x-30+x+2}{(x-3)(x+3)} \\ & \frac{-5x-40}{(x-3)(x+3)} \quad X \neq 3, -3 \end{aligned}$$

Oct 7-9:09 AM

Mean: Average of all numbers in data set.
(Add them \div by how many)

Standard Deviation: [σ sigma] measure of the dispersion of a set of data from mean.
(More spread apart, higher the deviation)

Oct 7-8:51 AM



Oct 7-8:57 AM