

Math 2311 Q1 2020

Name: _____ #: _____


Solve each equation

1. $-6(x - 2) + 3 = 9 - (x + 4)$


2. $\frac{x+3}{4} - \frac{x-2}{5} = \frac{x+1}{10} - 1$

3. $x^2 = 24 - 5x$

4. $\frac{-14}{x^2-x-12} = \frac{1}{x-4} + \frac{2}{x+3}$



5. $2|3x - 4| + 7 = 9$



6. $|3x + 5| = |x + 1|$