

Algebra II, Quiz 3.1-3.3

1. Solve the following equations:

a) $\frac{6h-1}{4h+1} = \frac{3}{5}$

b) $\frac{2}{2-x} - \frac{3}{x-5} = 0$

c) $|x-3|=7$

d) $\frac{|3p+7|}{4} + 2 = 5$

2. Solve the following inequalities:

a) $-3(t-2) \geq -15$

b) $-8 < -4(x-5)$

c) $|2h+7| < 5$

d) $2 - \frac{|d-3|}{4} \geq -1$