

6. Find the equation of the line with the given information. (In point-slope and then in slope-intercept form.)

h) passes through the points $(-2, 5)$ and $(-8, 8)$

i) passes through the points $(3, 6)$ and $(-6, 9)$

7. Review from Chapter 2 & 3 (Solving equations and Inequalities)

Solve each equation or inequality for x .

a) $5x - 6 = 11x - 12$

b) $3(2x - 4) - (2x - 7) = 2 - 5(3x - 4)$

c) $7(x - 5) - (3 - 2x) > 4x - 11$

d) $\frac{4}{5}x - 16 = -32$

e) $|2x - 5| = 7$

f) $|4x - 2| > 8$

h) $|x - 2| \leq 5$