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Course: Math - Worksheet 2.1
Review

Review: Linear Relations

1) Determine the equation of the line (in the form $y = ax + b$) that passes through each pair of points.

a) A(3, 5) and B(-5, -3)

b) A(-5, 8) and B(20, 3)

c) A(6, -2) and B(2, -2)

d) A(-8, 14) and B(5, 5)

e) A(7, 4) and B(3, -36)

Determine the solution to the following linear systems. (Do not use decimal notation in replacement of fractions)

a) $6x + 3y = 9$ and $6x = 2y + 4$

b) $2y - 4x = 16$ and $21 - 6x = 3y$

c) $7x - 4 = 3y$ and $6x - 4y = 12$

d) $4x + 9y + 4 = x + 2$ and $3x + 2y + 5 = 1 + 13x$