

Systems of Equations

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Solve each system by substitution.

1) $5x + 4y = -4$
 $y = x - 1$

2) $5x + 8y = 8$
 $y = -3x + 1$

3) $y = -3x$
 $3x - y = -6$

4) $y = -8x - 6$
 $4x + 3y = 2$

Solve each system by elimination.

5) $-3x + 7y = -11$
 $x - 7y = 27$

6) $7x - 10y = -24$
 $-9x + 10y = 8$

7) $3x + 5y = 30$
 $-5x + 5y = 30$

8) $-2x - 2y = 10$
 $-2x - 10y = -22$