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Algebra Readiness 7

Period #1

Outcome: Apply given formulas to a problem solving situation.

Worksheet: 4.6 Formulas

1. $4x + 3y = 2$

Solve for x

$$-3y \quad -3y$$

Undo adding 3y by subtracting 3y from both sides of the equation

$$4x = 2 - 3y$$

$$\div 4 \quad \div 4$$

Undo multiplying by 4 by dividing both sides of the equation by 4

$$x = \frac{2 - 3y}{4}$$

$$x = \frac{2}{4} - \frac{3y}{4}$$

Divide each term by 4

$$x = \frac{1}{2} - \frac{3}{4}y$$

Simplify