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Precalc

Essential Skills: Alegebra

Solve each equation.

1)
$$63 = 3(3 - 3x)$$

$$\frac{59 = -9}{-9}$$

Solve each equation by factoring.

3)
$$x^2 + x - 30 = 0$$

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$$2) \ 2(1+3k) = -2(-5k-1)$$

4)
$$2n^2 + 6n = 0$$

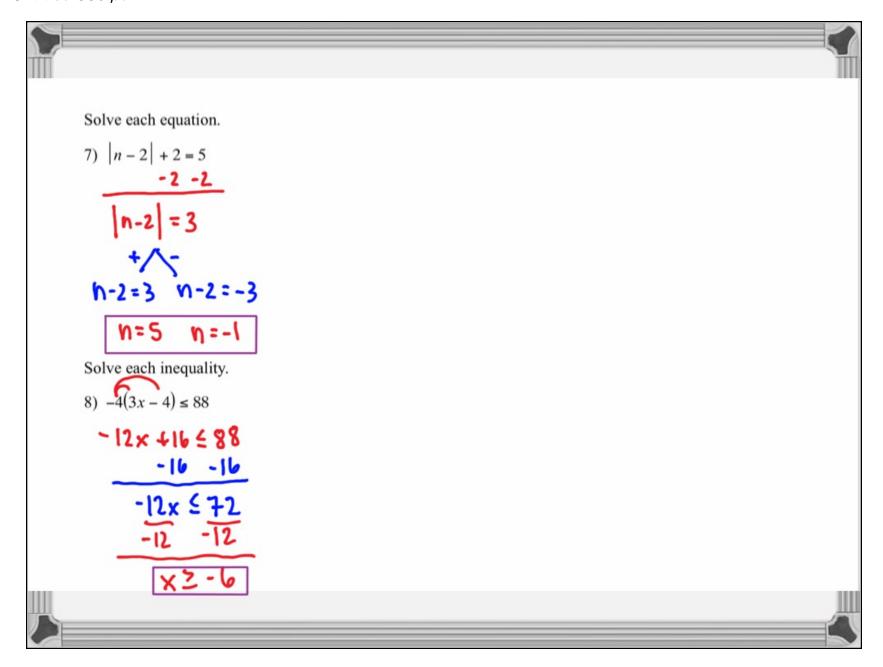
Solve each equation with the quadratic formula.

Solve each equation. Remember to check for extraneous solutions.

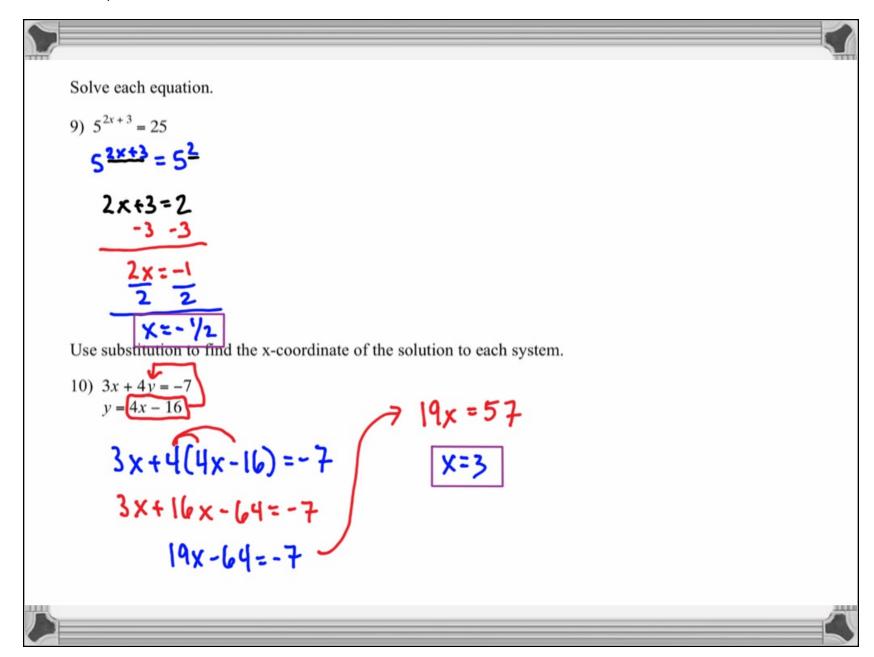
6)
$$\sqrt{\frac{x}{2}} + 3 = 7$$

$$(\sqrt{\frac{x^{1}}{2}})^{2} = (4)^{2}$$

$$1 \cdot \frac{x}{2} = 16 \cdot 2$$
 $x = 32$



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