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$$6p^2 = 869$$

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 $7^2 = 144$
 $-144 - 144$
 $7^2 - 144 = 0$
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 $\sqrt{\frac{4}{9}} = \sqrt{\frac{4}{5}} = \frac{2}{3}$

$$\frac{34}{3} + \frac{4}{9} = -x^{2}$$

$$+x^{2} + x^{2}$$

$$9\left(\chi^{2} - \frac{4}{3} \times + \frac{4}{9} = 0\right) = 9\chi^{2} - 12\chi + 4$$

$$\left(\chi^{-\frac{2}{3}} \times -\frac{2}{3}\right) = 0 \qquad (3\chi - 2)(3\chi - 2)$$

$$\chi = \frac{2}{3}$$

$$3\chi - 2 = 0$$

$$3\chi = 2$$

$$\chi = \frac{2}{3}$$

Review I 051012.notebook

Find the zeros of the function:

$$g(x) = 2x^{2} + x - 1$$

$$0 = (2x - 1)(x + 1)$$

$$x = \frac{1}{2} \text{ or } x = -1$$

$$\alpha x^2 + bx + c = 0$$

$$\frac{6x^{2} + 14x = 0}{2}$$

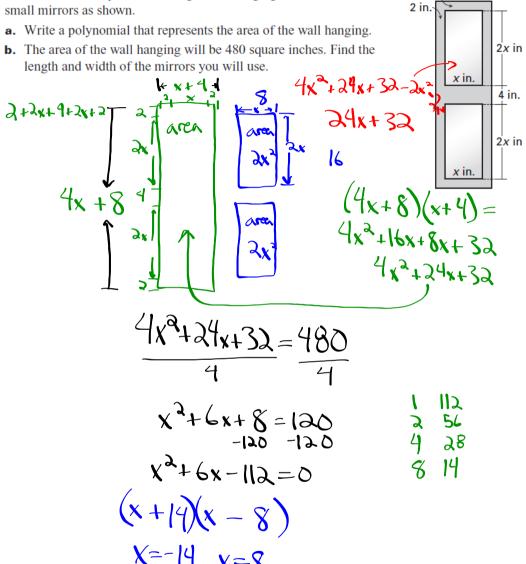
$$\frac{3x^{2} + 7x = 0}{3x^{2} + 7x = 0}$$

$$(3x + 7) = 0$$

Review I 051012.notebook May 10, 2012

2 in.

Wall Mirror You plan on making a wall hanging that contains two small mirrors as shown.



Review I 051012.notebook May 10, 2012

Wallpaper You trimmed a large strip of wallpaper from a scrap to fit into the corner of a wall you are wallpapering. You trimmed 15 inches from the length and 6 inches from the width. The area of the resulting strip of wallpaper is 684 square inches.

- a. If the length of the original strip of wallpaper is four times the original width, write a polynomial that represents the area of the trimmed strip of wallpaper.
- **b.** What are the dimensions of the original scrap of wallpaper?

