Ex. Score: 0 of 1 pt   1.1.65

Solve the following absolute value equation. Use the basic absolute value equations.

$|x - 8| = 5$

Ex. Score: 0 of 1 pt   1.1.67

Solve the following absolute value equation.

$|x - 1| = 0$

Ex. Score: 0 of 1 pt

1.1.79

Solve the following absolute value equation.

$$7|x| + 15 = 14$$

Ex. Score: 0 of 1 pt

1.1.83

Solve the following equation.

$$0.75x - 0.05(x - 2) = 8.50$$

Ex. Score: 0 of 1 pt

1.1.85

Solve the following equation.

$$(x+6)^2 = x^2 + 12$$

Ex. Score: 0 of 1 pt

1.1.89

Solve the following equation.

$$\frac{x-9}{2} - 1 = \frac{1}{3}(x-1)$$

Ex. Score: 1   1.1.93

Solve the following equation.

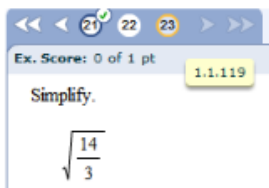$$3 + 3|x + 6| = 15$$

Ex. Score: 0 of 1 pt   HW Score: 8.7%

A surfboard shaper has to limit the cost of development and production to $239 per surfboard. He has already spent $49,416 on equipment for the boards. The development and production costs are $123 per board. The cost per board is

$$\frac{123x + 49,416}{x}$$ dollars. Determine the number of boards that must be sold to limit the final cost per board to $239.

How many boards must be sold to limit the cost per board to $239? ☐

21 22 23

Ex. Score: 0 of 1 pt

1.1.119

Simplify.

$$\sqrt{\frac{14}{3}}$$