

Solving Absolute Value Equations

scan for answers



Chapter 6: Worksheet 1

Level 1 - Solve simple absolute value equations

Level 2 - Solve multi-step absolute value equations

Level 3 - Create and solve absolute value equations

Level 1

If possible, solve for the unknown variable in the absolute value equation.

a) $ x = 9$	b)	c)
d)	e)	f) $ -k = -10$
g) $\left \frac{c}{3}\right = 2$	h)	i)

Level 2

Solve for the unknown variable in these absolute value equations.

a) $ -n - 2 = 3$	b)	c)
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Level 3

Set up an absolute value equation and solve.

a) The average number of seeds in a package of tomato seed is 75. The number of seeds in the package can vary by three. What are the maximum and minimum number of seeds that could be in a package?