Worksheet 3.1 and 3.2 – One Step Equations +, -, x, / – Textbook pages 132-144

LEVEL 1

Solve and check the equations. Show your work.

1) $x + 9 = 14$

2) $x - 15 = 6$

3) $-3 = x + 1$

4) $-3x = 27$

5) $3 = x - 4$

6) $-12 = 6x$

LEVEL 2

Solve and check the equations. Show your work.
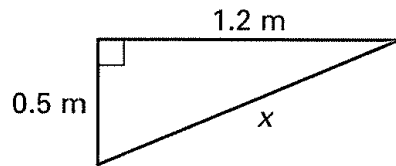
7) $-\frac{3}{4} = x + 1$
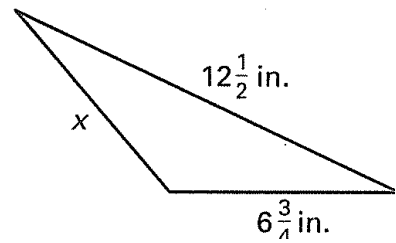
8) $3 = \frac{x}{11}$

9) $-12x = -3$

LEVEL 3

Find the missing side length. Write an equation and solve. Show your work.

10) The perimeter is 3 meters.

11) The perimeter is 26 ¼ inches.

LEVEL 4

12) You spent 28 days panning for gold. This was 17 days less than last year. Write and solve an equation to find how many days you panned for gold last year. Show your work.

13) About $\frac{2}{5}$ of the students participated in sports and drama. Write and solve an equation to find in what size school would you expect to find 130 students in sports and drama? Show your work.