

1.1 Solving Simple Equations: Solve each equation using inverse operations. Show all steps. Check your answer.

1. $n + 8 = -10$

2. $-5y = -12.5$

3. $x - \frac{3}{4} = \frac{5}{12}$

4. $n - 2.8 = -4.3$

5. $\frac{1}{4}n = -6$

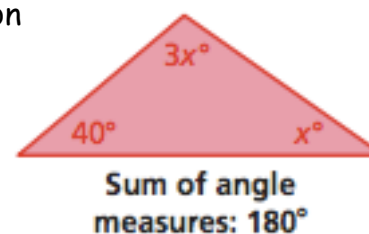
1.2 Solving Multi-Step Equations: Solve each equation using inverse operations. Show all steps. Check your answer.

6. $-3n - 4 = 8$

7. $\frac{1}{5}n - 3 + \frac{3}{5}n = 9$

8. $2(5n + 4) = 38$

9. Write and solve an equation to find x .



10. You purchase a DVD and two books. The cost of the DVD is \$12.50. Your total bill before tax is \$48.50. Write and solve an equation to find the cost of each book. Let n = cost of one book

Equation: _____

Solution: _____