

Name:

Quiz – Chapter 6.1: Solving Linear Equations

1. Solve each equation. Do your work on paper. Write the answer in the box:

a) $d - 6 = 35$ $d =$

b) $n - 7 = 41$ $n =$

c) $74 = n + 68$ $n =$

d) $n - 7.5 = 3.5$ $n =$

2. Solve each equation. Do your work on paper. Write the answer in the box:

a) $4d = 72$ $d =$

b) $8h = 64$ $h =$

c) $32 = 8d$ $d =$

d) $5d = 4.5$ $d =$

3. Solve each equation. Do your work on paper. Write the answer in the box:

a) $\frac{k}{8} = 7$ $k =$

b) $4 = \frac{k}{9}$ $k =$

c) $\frac{k}{9} = 6$ $k =$

d) $\frac{14}{m} = 7$ $m =$

4. Solve each equation. Do your work on paper. Write the answer in the box:

a) $4g - 2 = 14$ $g =$

b) $5x + 6 = 36$ $x =$

c) $-8x = 4x + 6$ $x =$

d) $7x = x + 6$ $x =$

5. Solve each equation. Do your work on paper. Simplify your answer to lowest terms where possible.

Write the answer in the box:

a) $\frac{3}{8} + 2p = \frac{7}{8}$ $p =$

b) $\frac{13}{2} + 3m = \frac{1}{2}$ $m =$

c) $\frac{9}{k} = \frac{1}{4} + 2$ $k =$

d) $\frac{20}{x} = 1\frac{2}{3} + 3$ $x =$