Name : _____ Score : _____

One-Step Equations

Mixed Operations: S1

Solve each equation.

1) $2.7 = z + 9.4$

2) $k - \frac{1}{3} = 2\frac{2}{3}$

3) $11 = w - 5$

4) $8.8v = -5.28$

5) $\frac{r}{\left(-\frac{7}{9}\right)} = \frac{6}{5}$

6) $-9 = -2n$

7) $u - 4.8 = 7.6$

8) $\frac{6}{5}t = \frac{1}{3}$

9) $y + 9 = -6$

10) $-3.5 = \frac{m}{1.4}$

Name : _____ Score : _____

Answer Key

One-Step Equations

Mixed Operations: S1

Solve each equation.

1) $2.7 = z + 9.4$

$z = -6.7$

2) $k - \frac{1}{3} = 2\frac{2}{3}$

$k = 3$

3) $11 = w - 5$

$w = 16$

4) $8.8v = -5.28$

$v = -0.6$

5) $\frac{r}{\left(-\frac{7}{9}\right)} = \frac{6}{5}$

$r = -\frac{14}{15}$

6) $-9 = -2n$

$n = \frac{9}{2}$ or $4\frac{1}{2}$

7) $u - 4.8 = 7.6$

$u = 12.4$

8) $\frac{6}{5}t = \frac{1}{3}$

$t = \frac{5}{18}$

9) $y + 9 = -6$

$y = -15$

10) $-3.5 = \frac{m}{1.4}$

$m = -4.9$

Name : _____ Score : _____

One-Step Equations

Mixed Operations: S2

Solve each equation.

1) $v - 10 = 12$

2) $\frac{x}{6} = -5$

3) $-\frac{k}{4.25} = -9.2$

5) $\frac{3}{7} = \frac{9}{7}u$

7) $-4.2 = 5.2 +$

9) $-64 = 8r$

10) $z + \frac{6}{5} = -\frac{8}{3}$

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Answer Key

One-Step Equations

Mixed Operations: S2

Solve each equation.

1) $v - 10 = 12$

v = 22

2) $\frac{x}{6} = -5$

x = –30

3) $-\frac{k}{4.25} = -9.2$

k = 39.1

5) $\frac{3}{7} = \frac{9}{7}u$

u = $\frac{1}{3}$

7) $-4.2 = 5.2 + t$

t = –9.4

9) $-64 = 8r$

r = –8

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10) $z + \frac{6}{5} = -\frac{8}{3}$

z = $-\frac{58}{15}$ or $-3\frac{13}{15}$

Name : _____ Score : _____

One-Step Equations

Mixed Operations: S3

Solve each equation.

1) $\frac{4}{5} = -2\frac{1}{5}v$

2) $w + 4.4 = 5.3$

3) $-2.6 = -\frac{p}{3.5}$

5) $5a = 5$

s

7) $m - \frac{5}{4} = \frac{1}{3}$

1q

9) $k - 6 = -9$

10) $\frac{8}{5} + b = \frac{7}{2}$

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Answer Key

One-Step Equations

Mixed Operations: S3

Solve each equation.

1) $\frac{4}{5} = -2\frac{1}{5}v$

$v = -\frac{4}{11}$

2) $w + 4.4 = 5.3$

$w = 0.9$

3) $-2.6 = -\frac{p}{3.5}$

$p = 9.1$

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5) $5a = 5$

$a = 1$

7) $m - \frac{5}{4} = \frac{1}{3}$

$m = \frac{19}{12}$ or $1\frac{7}{12}$

9) $k - 6 = -9$

$k = -3$

s

1q

$q = -0.5$

10) $\frac{8}{5} + b = \frac{7}{2}$

$b = \frac{19}{10}$ or $1\frac{9}{10}$