

Name : _____

Two-Step Equations

Sheet 2

Solve each equation.

1) $2\frac{4}{5} - 3\frac{1}{2}r = \frac{3}{2}$

2) $\frac{4}{3}(9 + m) = 60$

3) $\frac{y + 1.8}{4.5} = 6.4$

$-\frac{6}{5}$

5) $8 = \frac{b}{5} - 2$

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) = -5.6

7) $9.4k + 1.6 =$

20

9) $\frac{a - 5}{4.5} = -8.2$

10) $\frac{z}{4} + \frac{3}{4} = 9z$

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Answer Key**Two-Step Equations**

Solve each equation.

1) $2\frac{4}{5} - 3\frac{1}{2}r = \frac{3}{2}$

$r = \frac{13}{35}$

2) $\frac{4}{3}(9 + m) = 60$

$m = 36$

3) $\frac{y + 1.8}{4.5} = 6.4$

$y = 28.8$

5) $8 = \frac{b}{5} - 2$

$b = 50$

7) $9.4k + 1.6 = 20$

$k = -2$

9) $\frac{a - 5}{4.5} = -8.2$

$a = -31.9$

10) $\frac{z}{4} + \frac{3}{4} = 9z$

$z = \frac{3}{35}$

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$-\frac{6}{5}$

$) = -5.6$

20

$u = -\frac{28}{5}$ or $-5\frac{3}{5}$