

Name : _____

Multi-Step Equations: Fractions

Sheet 2

Solve each equation.

1) $\frac{1}{6}r + 6 - \frac{2}{3} - 1 = 4$

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

3) $1\frac{1}{2}t + 3 = 8 +$

PREVIEW

$-\frac{2}{3} + u$

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5) $\frac{5}{4}w + 1 = 2\left(\frac{1}{4}\right)$

$\frac{5z + 2}{2}$

7) $-\frac{1}{2}b - 9 = -6 - \frac{7}{2}b$

8) $4\left(\frac{1}{3}a + \frac{1}{3}\right) = 16$

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Answer Key

Sheet 2

Multi-Step Equations: Fractions

Solve each equation.

1) $\frac{1}{6}r + 6 - \frac{2}{3} - 1 = 4$

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

$r = -2$

$p = 11$ or $-1\frac{3}{8}$

3) $1\frac{1}{2}t + 3 = 8 +$

PREVIEW

$-\frac{2}{3} + u$

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$t = 10$

$-10\frac{2}{9}$

5) $\frac{5}{4}w + 1 = 2\left(\frac{1}{4}\right)$

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$\frac{5z + 2}{2}$

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

7) $-\frac{1}{2}b - 9 = -6 - \frac{7}{2}b$

8) $4\left(\frac{1}{3}a + \frac{1}{3}\right) = 16$

$b = 1$

$a = 11$