Name : _____ Score : _____

One-Step Equations: Fractions

Add/Sub Level 2: S1

Solve each equation.

1) $\frac{9}{2} = b - 1\frac{5}{6}$

2) $-10 = d + \frac{3}{8}$

3) $h + \frac{7}{3} = 13$

4) $n - 1 = 7\frac{8}{9}$

5) $-\frac{6}{5} = q - \frac{1}{9}$

6) $\frac{8}{7} = s + \frac{3}{2}$

7) $u + 8\frac{1}{2} = \frac{3}{4}$

8) $y - 6 = \frac{7}{8}$

9) $3\frac{1}{6} = w - 2\frac{2}{7}$

10) $\frac{2}{5} + z = \frac{1}{3}$

Name : _____ Score : _____

Answer Key

One-Step Equations: Fractions

Add/Sub Level 2: S1

Solve each equation.

1) $\frac{9}{2} = b - 1\frac{5}{6}$

$b = \frac{38}{6}$ or $\frac{19}{3}$ or $6\frac{1}{3}$

2) $-10 = d + \frac{3}{8}$

$d = -\frac{83}{8}$ or $-10\frac{3}{8}$

3) $h + \frac{7}{3} = 13$

$h = \frac{32}{3}$ or $10\frac{2}{3}$

4) $n - 1 = 7\frac{8}{9}$

$n = \frac{80}{9}$ or $8\frac{8}{9}$

5) $-\frac{6}{5} = q - \frac{1}{9}$

$q = -\frac{49}{45}$ or $-1\frac{4}{45}$

6) $\frac{8}{7} = s + \frac{3}{2}$

$s = -\frac{5}{14}$

7) $u + 8\frac{1}{2} = \frac{3}{4}$

$u = -\frac{31}{4}$ or $-7\frac{3}{4}$

8) $y - 6 = \frac{7}{8}$

$y = \frac{55}{8}$ or $6\frac{7}{8}$

9) $3\frac{1}{6} = w - 2\frac{2}{7}$

$w = \frac{229}{42}$ or $5\frac{19}{42}$

10) $\frac{2}{5} + z = \frac{1}{3}$

$z = -\frac{1}{15}$