Basic One-step Equations. **Date:** **Name:**

Through your working, show how you are keeping the equation balanced as you solve for the variable.

http://www.learnersgrid.com

Round to 1 d.p. if necessary.

[1] $\frac{w}{7} = 9$

[2] $\frac{p}{14} = 3$

[3] $\frac{c}{10} = 8$

[4] $\frac{c}{11} = 7$

[5] $\frac{c}{14} = 5$

[6] $\frac{w}{16} = 4$

[7] $3 = \frac{p}{7}$

[8] $4 = \frac{h}{3}$

[9] $12 = \frac{d}{7}$

[10] $6 = \frac{k}{13}$

[11] $9 = \frac{p}{6}$

[12] $10 = \frac{y}{12}$

[13] $\frac{g}{19} = 3$

[14] $\frac{k}{33} = 6$

[15] $35 = \frac{p}{19}$

SOLUTIONS **Basic One-step Equations.**

Through your working, show how you are keeping the equation balanced as you solve for the variable.

http://www.learnersgrid.com

Round to 1 d.p. if necessary.

[1] $\frac{w}{7} = 9$ (× 7 on both sides)

$w = 63$

[2] $\frac{p}{14} = 3$ (× 14 on both sides)

$p = 42$

[3] $\frac{c}{10} = 8$ (× 10 on both sides)

$c = 80$

[4] $\frac{c}{11} = 7$ (× 11 on both sides)

$c = 77$

[5] $\frac{c}{14} = 5$ (× 14 on both sides)

$c = 70$

[6] $\frac{w}{16} = 4$ (× 16 on both sides)

$w = 64$

[7] $3 = \frac{p}{7}$ (× 7 on both sides)

$21 = p$

$p = 21$

[8] $4 = \frac{h}{3}$ (× 3 on both sides)

$12 = h$

$h = 12$

[9] $12 = \frac{d}{7}$ (× 7 on both sides)

$84 = d$

$d = 84$

[10]

$$6 \times 13 = \frac{k}{13} \times 13$$

$$78 = k$$

$$\boxed{k = 78}$$

[11]

$$9 \times 6 = \frac{p}{6} \times 6$$

$$54 = p$$

$$\boxed{p = 54}$$

[12]

$$10 \times 12 = \frac{y}{12} \times 12$$

$$120 = y$$

$$\boxed{y = 120}$$

[13]

$$\frac{g}{19} \times 19 = 3 \times 19$$

$$\boxed{g = 57}$$

[14]

$$\frac{k}{33} \times 33 = 6 \times 33$$

$$\boxed{k = 198}$$

[15]

$$35 \times 19 = \frac{p}{19} \times 19$$

$$665 = p$$

$$\boxed{p = 665}$$