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

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

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Round to 1 d.p. if necessary.

[1] $\frac{d}{8} = 7$

[2] $\frac{n}{11} = 4$

[3] $\frac{h}{5} = 1$

[4] $\frac{k}{16} = 7$

[5] $\frac{k}{19} = 1$

[6] $\frac{p}{21} = 7$

[7] $6 = \frac{m}{5}$

[8] $7 = \frac{y}{3}$

[9] $9 = \frac{p}{3}$

[10] $9 = \frac{h}{8}$

[11] $12 = \frac{c}{6}$

[12] $21 = \frac{m}{10}$

[13] $\frac{h}{22} = 7$

[14] $\frac{w}{48} = 4$

[15] $53 = \frac{d}{15}$

SOLUTIONS **Basic One-step Equations.**

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

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Round to 1 d.p. if necessary.

[1] $\frac{d}{8} = 7$ $\times 8$ $\times 8$

$d = 56$

[2] $\frac{n}{11} = 4$ $\times 11$ $\times 11$

$n = 44$

[3] $\frac{h}{5} = 1$ $\times 5$ $\times 5$

$h = 5$

[4] $\frac{k}{16} = 7$ $\times 16$ $\times 16$

$k = 112$

[5] $\frac{k}{19} = 1$ $\times 19$ $\times 19$

$k = 19$

[6] $\frac{p}{21} = 7$ $\times 21$ $\times 21$

$p = 147$

[7] $6 \times 5 = \frac{m}{5} \times 5$

$30 = m$

$m = 30$

[8] $7 \times 3 = \frac{y}{3} \times 3$

$21 = y$

$y = 21$

[9] $9 \times 3 = \frac{p}{3} \times 3$

$27 = p$

$p = 27$

[10]

$$9 \times 8 = \frac{h}{8} \times 8$$

$$72 = h$$

$$\boxed{h = 72}$$

[11]

$$12 \times 6 = \frac{c}{6} \times 6$$

$$72 = c$$

$$\boxed{c = 72}$$

[12]

$$21 \times 10 = \frac{m}{10} \times 10$$

$$210 = m$$

$$\boxed{m = 210}$$

[13]

$$\frac{h}{22} \times 22 = 7 \times 22$$

$$\boxed{h = 154}$$

[14]

$$\frac{w}{48} \times 48 = 4 \times 48$$

$$\boxed{w = 192}$$

[15]

$$53 \times 15 = \frac{d}{15} \times 15$$

$$795 = d$$

$$\boxed{d = 795}$$