

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] $\frac{n}{4} = 5$

[2] $\frac{p}{9} = 7$

[3] $\frac{f}{1} = 6$

[4] $\frac{d}{11} = 5$

[5] $\frac{p}{14} = 7$

[6] $\frac{d}{15} = 3$

[7] $4 = \frac{p}{7}$

[8] $5 = \frac{n}{4}$

[9] $8 = \frac{g}{7}$

[10] $7 = \frac{p}{12}$

[11] $8 = \frac{c}{11}$

[12] $14 = \frac{f}{14}$

[13] $\frac{p}{31} = 7$

[14] $\frac{f}{32} = 6$

[15] $39 = \frac{n}{21}$

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] $\frac{n}{4} = 5$

$n = 20$

[2] $\frac{p}{9} = 7$

$p = 63$

[3] $\frac{f}{1} = 6$

$f = 6$

[4] $\frac{d}{11} = 5$

$d = 55$

[5] $\frac{p}{14} = 7$

$p = 98$

[6] $\frac{d}{15} = 3$

$d = 45$

[7] $4 = \frac{p}{7}$

$28 = p$
 $p = 28$

[8] $5 = \frac{n}{4}$

$20 = n$
 $n = 20$

[9] $8 = \frac{g}{7}$

$56 = g$
 $g = 56$

[10]

$$7_{\times 12} = \frac{p}{12_{\times 12}}$$

$$84 = p$$

$$p = 84$$

[11]

$$8_{\times 11} = \frac{c}{11_{\times 11}}$$

$$88 = c$$

$$c = 88$$

[12]

$$14_{\times 14} = \frac{f}{14_{\times 14}}$$

$$196 = f$$

$$f = 196$$

[13]

$$\frac{p}{31_{\times 31}} = 7_{\times 31}$$

$$p = 217$$

[14]

$$\frac{f}{32_{\times 32}} = 6_{\times 32}$$

$$f = 192$$

[15]

$$39_{\times 21} = \frac{n}{21_{\times 21}}$$

$$819 = n$$

$$n = 819$$