Basic One-step Equations.   Date: Name:

Through your working, show how you are keeping the   *http://www.learnersgrid.com*
equation balanced as you solve for the variable.   **Round to 1 d.p. if necessary.**

[1] $\dfrac{d}{7.1} = -9$

[2] $\dfrac{n}{15.0} = 8$

[3] $\dfrac{m}{21.8} = 3$

[4] $\dfrac{h}{12.5} = 5$

[5] $\dfrac{k}{-16.3} = 8$

[6] $\dfrac{c}{-12.8} = 2$

[7] $-8 = \dfrac{d}{4.3}$

[8] $4 = \dfrac{n}{5.9}$

[9] $8 = \dfrac{n}{7}$

[10] $-5 = \dfrac{c}{8.3}$

[11] $-2 = \dfrac{d}{11.9}$

[12] $-1 = \dfrac{d}{-12}$

[13] $\dfrac{p}{33.2} = 7$

[14] $\dfrac{k}{36.4} = 8$

[15] $44 = \dfrac{y}{-3.8}$

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] $\dfrac{d}{7.1}$ _{× 7.1} $= -9$ _{× 7.1}

$\boxed{d = -63.9}$

[2] $\dfrac{n}{15.0}$ _{× 15} $= 8$ _{× 15}

$\boxed{n = 120}$

[3] $\dfrac{m}{21.8}$ _{× 21.8} $= 3$ _{× 21.8}

$\boxed{m = 65.4}$

[4] $\dfrac{h}{12.5}$ _{× 12.5} $= 5$ _{× 12.5}

$\boxed{h = 62.5}$

[5] $\dfrac{k}{-16.3}$ _{× -16.3} $= 8$ _{× -16.3}

$\boxed{k = -130.4}$

[6] $\dfrac{c}{-12.8}$ _{× -12.8} $= 2$ _{× -12.8}

$\boxed{c = -25.6}$

[7] -8 _{× 4.3} $= \dfrac{d}{4.3}$ _{× 4.3}

$-34.4 = d$

$\boxed{d = -34.4}$

[8] 4 _{× 5.9} $= \dfrac{n}{5.9}$ _{× 5.9}

$23.6 = n$

$\boxed{n = 23.6}$

[9] 8 _{× 7} $= \dfrac{n}{7}$ _{× 7}

$56 = n$

$\boxed{n = 56}$

[10]

$-5 _{\times 8.3} = \dfrac{c}{8.3} _{\times 8.3}$

$-41.5 = c$

$\boxed{c = -41.5}$

[11]

$-2 _{\times 11.9} = \dfrac{d}{11.9} _{\times 11.9}$

$-23.8 = d$

$\boxed{d = -23.8}$

[12]

$-1 _{\times -12} = \dfrac{d}{-12} _{\times -12}$

$12 = d$

$\boxed{d = 12}$

[13]

$\dfrac{p}{33.2} _{\times 33.2} = 7 _{\times 33.2}$

$\boxed{p = 232.4}$

[14]

$\dfrac{k}{36.4} _{\times 36.4} = 8 _{\times 36.4}$

$\boxed{k = 291.2}$

[15]

$44 _{\times -3.8} = \dfrac{y}{-3.8} _{\times -3.8}$

$-168.7 = y$

$\boxed{y = -168.7}$