Basic One-step Equations.

Date:

Name:

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

Round to 1 d.p. if necessary.

[1] $\dfrac{n}{6.3} = 4$

[2] $\dfrac{y}{13.2} = 5$

[3] $\dfrac{n}{17.6} = 5$

[4] $\dfrac{h}{14.4} = 4$

[5] $\dfrac{n}{19.0} = 7$

[6] $\dfrac{d}{21.5} = 2$

[7] $3 = \dfrac{w}{7.3}$

[8] $6 = \dfrac{m}{7.6}$

[9] $10 = \dfrac{w}{8.1}$

[10] $5 = \dfrac{k}{15.3}$

[11] $8 = \dfrac{n}{15.6}$

[12] $9 = \dfrac{k}{16.1}$

[13] $\dfrac{m}{18.7} = 7$

[14] $\dfrac{d}{46.8} = 1$

[15] $54 = \dfrac{m}{21.4}$

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

Round to 1 d.p. if necessary.

[1]
$$\frac{n}{6.3}_{\times 6.3} = 4 \quad_{\times 6.3}$$

$$\boxed{n = 25.2}$$

[2]
$$\frac{y}{13.2}_{\times 13.2} = 5 \quad_{\times 13.2}$$

$$\boxed{y = 66}$$

[3]
$$\frac{n}{17.6}_{\times 17.6} = 5 \quad_{\times 17.6}$$

$$\boxed{n = 88}$$

[4]
$$\frac{h}{14.4}_{\times 14.4} = 4 \quad_{\times 14.4}$$

$$\boxed{h = 57.6}$$

[5]
$$\frac{n}{19.0}_{\times 19} = 7 \quad_{\times 19}$$

$$\boxed{n = 133}$$

[6]
$$\frac{d}{21.5}_{\times 21.5} = 2 \quad_{\times 21.5}$$

$$\boxed{d = 43}$$

[7]
$$3_{\times 7.3} = \frac{w}{7.3}_{\times 7.3}$$

$$21.9 = w$$

$$\boxed{w = 21.9}$$

[8]
$$6_{\times 7.6} = \frac{m}{7.6}_{\times 7.6}$$

$$45.6 = m$$

$$\boxed{m = 45.6}$$

[9]
$$10_{\times 8.1} = \frac{w}{8.1}_{\times 8.1}$$

$$81 = w$$

$$\boxed{w = 81}$$

[10]

$$5 \,_{\times 15.3} = \frac{k}{15.3} \,_{\times 15.3}$$

$$76.5 = k$$

$$\boxed{k = 76.5}$$

[11]

$$8 \,_{\times 15.6} = \frac{n}{15.6} \,_{\times 15.6}$$

$$124.8 = n$$

$$\boxed{n = 124.8}$$

[12]

$$9 \,_{\times 16.1} = \frac{k}{16.1} \,_{\times 16.1}$$

$$144.9 = k$$

$$\boxed{k = 144.9}$$

[13]

$$\frac{m}{18.7} \,_{\times 18.7} = 7 \,_{\times 18.7}$$

$$\boxed{m = 130.9}$$

[14]

$$\frac{d}{46.8} \,_{\times 46.8} = 1 \,_{\times 46.8}$$

$$\boxed{d = 46.8}$$

[15]

$$54 \,_{\times 21.4} = \frac{m}{21.4} \,_{\times 21.4}$$

$$1151.3 = m$$

$$\boxed{m = 1151.3}$$