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]　$54p = 540$

[2]　$65h = 130$

[3]　$81n = 5670$

[4]　$900 = 75d$

[5]　$1700 = 85h$

[6]　$4387 = 107d$

[7]　$-12k = -24$

[8]　$-34h = -238$

[9]　$-61h = -610$

[10]　$-176 = -44g$

[11]　$-603 = -67y$

[12]　$-2725 = -109d$

[13]　$-32p = 256$

[14]　$-46n = 1104$

[15]　$1998 = -74g$

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]
$$54p = 540$$
$$\div 54 \quad \div 54$$
$$p = 10$$

[2]
$$65h = 130$$
$$\div 65 \quad \div 65$$
$$h = 2$$

[3]
$$81n = 5670$$
$$\div 81 \quad \div 81$$
$$n = 70$$

[4]
$$900 = 75d$$
$$\div 75 \quad \div 75$$
$$12 = d$$
$$d = 12$$

[5]
$$1700 = 85h$$
$$\div 85 \quad \div 85$$
$$20 = h$$
$$h = 20$$

[6]
$$4387 = 107d$$
$$\div 107 \quad \div 107$$
$$41 = d$$
$$d = 41$$

[7]
$$-12k = -24$$
$$\div -12 \quad \div -12$$
$$k = 2$$

[8]
$$-34h = -238$$
$$\div -34 \quad \div -34$$
$$h = 7$$

[9]
$$-61h = -610$$
$$\div -61 \quad \div -61$$
$$h = 10$$

[10]
$$-176 = -44g$$
$$\div -44 \quad \div -44$$
$$4 = g$$
$$g = 4$$

[11]
$$-603 = -67y$$
$$\div -67 \quad \div -67$$
$$9 = y$$
$$y = 9$$

[12]
$$-2725 = -109d$$
$$\div -109 \quad \div -109$$
$$25 = d$$
$$d = 25$$

[13]
$$-32p = 256$$
$$\div -32 \quad \div -32$$
$$p = -8$$

[14]
$$-46n = 1104$$
$$\div -46 \quad \div -46$$
$$n = -24$$

[15]
$$1998 = -74g$$
$$\div -74 \quad \div -74$$
$$-27 = g$$
$$g = -27$$