Basic One-step Equations.   Date: Name:

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

Addition only

[1]
$$h + 28 = 35$$

[2]
$$n + 43 = 46$$

[3]
$$82 = p + 52$$

[4]
$$n + 16 = 26$$

[5]
$$f + 47 = 70$$

[6]
$$82 = w + 17$$

[7]
$$37 + p = 45$$

[8]
$$29 + w = 42$$

[9]
$$40 = 24 + c$$

[10]
$$37 + m = 31$$

[11]
$$38 + w = 27$$

[12]
$$52 = 63 + w$$

Through your working, show how you are keeping the equation balanced as you solve for the variable.   *http://www.learnersgrid.com*

[1]

$$h + 28 = 35$$
$$-28 \qquad -28$$

$$\boxed{h = 7}$$

[2]

$$n + 43 = 46$$
$$-43 \qquad -43$$

$$\boxed{n = 3}$$

[3]

$$82 = p + 52$$
$$-52 \qquad\qquad -52$$

$$30 = p$$

$$\boxed{p = 30}$$

[4]

$$n + 16 = 26$$
$$-16 \qquad -16$$

$$\boxed{n = 10}$$

[5]

$$f + 47 = 70$$
$$-47 \qquad -47$$

$$\boxed{f = 23}$$

[6]

$$82 = w + 17$$
$$-17 \qquad -17$$

$$65 = w$$

$$\boxed{w = 65}$$

[7]

$$37 + p = 45$$
$$-37 \qquad -37$$

$$p = 8$$

$$\boxed{p = 8}$$

[8]

$$29 + w = 42$$
$$-29 \qquad -29$$

$$w = 13$$

$$\boxed{w = 13}$$

[9]

$$40 = 24 + c$$
$$-24 \qquad -24$$

$$16 = c$$

$$\boxed{c = 16}$$

[10]

$$37 + m = 31$$
$$-37 \qquad -37$$

$$\boxed{m = -6}$$

[11]

$$38 + w = 27$$
$$-38 \qquad -38$$

$$\boxed{w = -11}$$

[12]

$$52 = 63 + w$$
$$-63 \qquad -63$$

$$-11 = w$$

$$\boxed{w = -11}$$