

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]

$$f - 33 = -26.4$$

[2]

$$m - 18 = 17$$

[3]

$$26.1 = p - 37$$

[4]

$$n - 49 = -39.3$$

[5]

$$w - 33 = 19.9$$

[6]

$$100.8 = w - 19$$

[7]

$$21.4 - p = 14$$

[8]

$$28.2 - c = 13$$

[9]

$$42 = 67.4 - p$$

[10]

$$35.1 - c = 38$$

[11]

$$28.1 - m = 16$$

[12]

$$39 = 29.5 - m$$

ANSWERS 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]

$$f - 33 = -26.4$$

$$+33 \quad +33$$

$$f = 6.6$$

[2]

$$m - 18 = 17$$

$$+18 \quad +18$$

$$m = 35.0$$

[3]

$$26.1 = p - 37$$

$$+37 \quad +37$$

$$63.1 = p$$

$$p = 63.1$$

[4]

$$n - 49 = -39.3$$

$$+49 \quad +49$$

$$n = 9.7$$

[5]

$$w - 33 = 19.9$$

$$+33 \quad +33$$

$$w = 52.9$$

[6]

$$100.8 = w - 19$$

$$+19 \quad +19$$

$$119.8 = w$$

$$w = 119.8$$

[7]

$$21.4 - p = 14$$

$$-21.4 \quad -21.4$$

$$-p = -7.4$$

$$\times -1 \quad \times -1$$

$$p = 7.4$$

[8]

$$28.2 - c = 13$$

$$-28.2 \quad -28.2$$

$$-c = -15.2$$

$$\times -1 \quad \times -1$$

$$c = 15.2$$

[9]

$$42 = 67.4 - p$$

$$-67.4 \quad -67.4$$

$$-25.4 = -p$$

$$\times -1 \quad \times -1$$

$$25.4 = p$$

$$p = 25.4$$

[10]

$$35.1 - c = 38$$

$$-35.1 \quad -35.1$$

$$-c = 2.9$$

$$\times -1 \quad \times -1$$

$$c = -2.9$$

2.9

[11]

$$28.1 - m = 16$$

$$-28.1 \quad -28.1$$

$$-m = -12.1$$

$$\times -1 \quad \times -1$$

$$m = 12.1$$

[12]

$$39 = 29.5 - m$$

$$-29.5 \quad -29.5$$

$$9.5 = -m$$

$$\times -1 \quad \times -1$$

$$m = -9.5$$