1. Make w the subject of the formula $4(g - w) = 5w - 3$

w = ...

(3)

---

2. $4(2a + p) = c + p + a$
Express a in terms of c and p.

a = ...

(3)

3. Make a the subject of $14a + 6w = ac + 8w$

a = ...

(3)

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4. Make x the subject of

$$y = \frac{x + 3}{x - 8}$$

x = ...

(4)

5. Rearrange $y + 3 = x(y + 2)$ to make y the subject of the formula.

y = ...

(4)

---

6. Make a the subject of the formula.

$$\frac{1}{a} - \frac{1}{b} = \frac{1}{c}$$

a = ...

(3)

7. Make a the subject of the formula

$$s = ut + \tfrac{1}{2}at^2$$

a = ...

(3)

---

8. Make w the subject of the formula

$$g = \frac{w}{w - 5}$$

w = ...

(3)

9. Make y the subject of the formula $c = w - 4ay^3$

y = ...

(3)

---

10. Make x the subject of the formula

$$P = 4x + \frac{\pi x}{5}$$

x = ...

(3)

11. Make v the subject of the formula.

$$s = \tfrac{1}{2}(u + v)\, t$$

v = ...

(3)

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12. Make p the subject of the formula $p - 2 = \pi(y - 3p)$

p = ...

(4)