1. Make p the subject of the formula $m = 3n + 2p$

$m - 3n = 2p$

$p = \frac{m - 3n}{2}$

$p =$ $\frac{m - 3n}{2}$

(Total 2 marks)

2. Make c the subject of the formula $a = 3c - 4$

$a + 4 = 3c$

$c = \frac{a + 4}{3}$

$c =$ $\frac{a + 4}{3}$

(Total 2 marks)

3. Make b the subject of the formula $P = 2a + 2b$

$P - 2a = 2b$

$b = \frac{P - 2a}{2}$

$b =$ $\frac{P - 2a}{2}$

(Total 2 marks)

4. Make c the subject of the formula $f = 3c - 4$

$f + 4 = 3c$

$c = \frac{f+4}{3}$

$c =$ $\frac{f+4}{3}$

(Total 2 marks)

5. Make t the subject of the formula

$u = 7t + 30$

$u - 30 = 7t$

$t = \frac{u-30}{7}$

$t =$ $\frac{u-30}{7}$

(Total 2 marks)

6. Make t the subject of the formula $v = u + 5t$

$v - u = 5t$

$t = \frac{v - u}{5}$

$t =$ $\frac{v - u}{5}$

(Total 2 marks)

7. Make y the subject of the formula

$x = 3y + 2$

$x - 2 = 3y$

$y = \frac{x - 2}{3}$

$y = \frac{x - 2}{3}$

(Total 2 marks)

8. Rearrange $y = \frac{1}{2}x + 1$ to make x the subject.

$2y = x + 2$

$2y - 2 = x$

$x = 2y - 2$

.....

(Total 2 marks)

9. Make a the subject of the formula $s = \frac{a}{4} + 8u$

$4s = a + 32u$

$a = 4s - 32u$

$a =$ $4s - 32u$

.....

(Total 2 marks)

10. Make u the subject of the formula

$$D = ut + kt^2$$

$$D - kt^2 = ut$$

$$u = \frac{D - kt^2}{t}$$

$u =$ $\frac{D - kt^2}{t}$

(Total 2 marks)

11. Make s the subject of the formula $v^2 = u^2 + 2as$

$$v^2 - u^2 = 2as$$

$$s = \frac{v^2 - u^2}{2a}$$

$s =$ $\frac{v^2 - u^2}{2a}$

(Total 2 marks)

12. Make t the subject of the formula

$2(t-5) = y$

$2t - 10 = y$

$2t = y + 10$

$t = \frac{y+10}{2}$

$t =$ $\frac{y+10}{2}$

(Total 3 marks)

13. Make n the subject of the formula $m = 5n - 21$

$m + 21 = 5n$

$n = \frac{m+21}{5}$

$n =$ $\frac{m+21}{5}$

(Total 2 marks)

14. Make q the subject of the formula $P = 2q + 10$

$P - 10 = 2q$

$q = \frac{P - 10}{2}$

$q =$ $\frac{P - 10}{2}$

(Total 2 marks)

15. When you are h feet above sea level, you can see d miles to the horizon, where

$$d = \sqrt{\frac{3h}{2}}$$

Make h the subject of the formula $d = \sqrt{\frac{3h}{2}}$

$d^2 = \frac{3h}{2}$

$2d^2 = 3h$

$\frac{2d^2}{3} = h$

$h =$ $\frac{2d^2}{3}$

(Total 2 marks)