

1. Make p the subject of the formula

$$m = 3n + 2p$$

(Total 2 marks)

2. Make c the subject of the formula

$$a = 3c - 4$$

(Total 2 marks)

3. Make b the subject of the formula

$$P = 2a + 2b$$

(Total 2 marks)

4. Make c the subject of the formula

$$f = 3c - 4$$

(Total 2 marks)

5. Make t the subject of the formula

$$u = 7t + 30$$

(Total 2 marks)

6. Make t the subject of the formula

$$v = u + 5t$$

(Total 2 marks)

7. Make y the subject of the formula

$$x = 3y + 2$$

(Total 2 marks)

8. Rearrange

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

(Total 2 marks)

9. Make a the subject of the formula

$$s = \frac{a}{4} + 8u$$

(Total 2 marks)

10. Make u the subject of the formula

$$D = ut + kt^2$$

(Total 2 marks)

11. Make s the subject of the formula

$$v^2 = u^2 + 2as$$

(Total 2 marks)

12. Make t the subject of the formula

$$2(t - 5) = y$$

(Total 3 marks)

13. Make n the subject of the formula

$$m = 5n - 21$$

(Total 2 marks)

14. Make q the subject of the formula

$$P = 2q + 10$$

(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

(Total 2 marks)