

$$q = \dots$$
 (3) (Total 5 marks)

2. (a) Make n the subject of the formula m = 5n - 21

$$n = \dots (2)$$

(b) Make
$$p$$
 the subject of the formula $4(p-2q) = 3p + 2$

$$p =$$
 (3) (Total 5 marks)

3.
$$P = \pi r + 2r + 2a$$
 Make r the subject of the formula

$$r = \dots$$
 (Total 3 marks)

4.	Make	a	the subject of the form	ıla	
2(3a-c)=5c+1					
				(Total 3	marks)
5.	Make	m the	subject of the formula	2(2p+m)=3-5m	

m = (Total 3 marks)

6. Make x the subject of

$$5(x-3) = y(4-3x)$$

7. 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

h =..... (Total 4 marks)

$$y = \frac{2pt}{p-t}$$

Rearrange the formula to make t the subject.

t =
(Total 4 marks)

9. Make b the subject of the formula $a = \frac{2-7b}{b-5}$

......(Total 4 marks)

10.
$$P = \frac{n^2 + a}{n + a}$$

Rearrange the formula to make a the subject.

a =...... (Total 4 marks)

$$\frac{x}{x+c} = \frac{p}{q}$$

Make x the subject of the formula.

x = (Total 4 marks)

12. Rearrange $\frac{1}{u} + \frac{1}{v} = \frac{1}{f}$

to make u the subject of the formula.

Give your answer in its simplest form.