

Changing the Subject of an Equation

1. Make x the subject:

$$2x^2 - y = 5$$

2. Make m the subject:

$$\sqrt{2m - 9} = n$$

3. Make f the subject:

$$b = 3f^2 + dc$$

4. Make c the subject:

$$\sqrt{7c - dx} = b$$

5. Solve for y :

$$x = \frac{y^4}{4} + z$$

6. Solve for s :

$$r + \frac{\sqrt{s}}{2} = 4 + t^2$$

7. Solve for g

$$h = \frac{i + 5}{\sqrt{3 + g^2}}$$

8. Solve for p :

$$\frac{6\sqrt{p + 7}}{m} = n$$