

Change the subject

Literacy

What are the key words?

citnounf

eicfnctof

ujtseb

ivalebar

Research

Can you find any formulas commonly used where you may need to be able to change the subject?

Memory

Remember inverse means do the opposite operator.

The opposite operator of squaring a number is finding the square root of a number.

Skill

Change the following so the subject is x .

1) $y = kx + m$

5) $7ax + tp = 3ax + r$

2) $y = \frac{x}{k} + m$

6) $h(x + n) = a$

3) $y = tx + mn$

7) $b(x - d) = q$

4) $n = r(x + t)$

8) $3(x - 2y) = 2(x + y)$

Stretch

Change the following so the subject is y .

9) $y^2 - r = p$

10) $\sqrt{y - mn} = s$