

Changing the subject

1. Make x the subject

$$x + 7 = y$$

(1 mark)

2. Make m the subject

$$5m = n$$

(1 mark)

3. Make a the subject

$$7 - a = b$$

(1 mark)

4. Make p the subject

$$\frac{p}{9} = q$$

(1 mark)

Changing the subject

5. Make k the subject

$$5k - 4 = m$$

(2 marks)

6. Make d the subject

$$6 + 9d = e$$

(2 marks)

7. Make r the subject

$$\frac{r}{4} - 3 = s$$

(2 marks)

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8. Make v the subject

$$8 - 5v = w$$

(2 marks)

9. Express y in terms of x

$$\frac{y + 7}{4} = x$$

(2 marks)

10. Make f the subject

$$g = \sqrt{f}$$

(1 mark)

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11. Express h in terms of j

$$j = \frac{5h+1}{6}$$

(2 marks)

12. Make h the subject

$$8h^2 - 5 = f$$

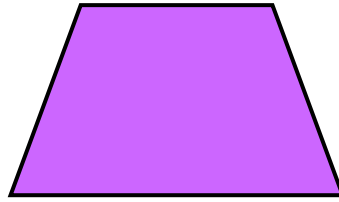
(2 marks)

13. Pythagoras' theorem is $a^2 + b^2 = c^2$
Make a the subject of the formula.

(2 marks)

Changing the subject

14. Below is trapezium with area $x \text{ cm}^2$.



$$x = \frac{a + b}{2} \times h$$

Make b the subject.

(3 marks)