

Rearranging Formulae *fluency*

 **Make x the subject**

1 $y = x + 5$

2 $y = 4x$

3 $y = \frac{x}{3}$

4 $p = x - q$

5 $m = nx$

6 $t = \frac{x}{k}$

 **Make x the subject**

7 $y = 3x + 2$

8 $y = 5x - a$

9 $p = qx + r$

10 $y = \frac{x}{2} + 4$

11 $y = \frac{x+3}{4}$

12 $k = 7 - x$

 **Make x the subject**

13 $y = 2(x + 3)$

14 $a = 5(x - c)$

15 $p = q(x + r)$

16 $y = 3(4 - x)$

17 $m = \frac{2(x-1)}{5}$

18 $t = \frac{x}{3} - 2k$

 **Make x the subject**

19 $y = 8 - 3x$

20 $p = \frac{4-x}{2}$

21 $a = c - mx$

22 $y = \frac{5x-2}{3}$

23 $k = 2(3 - x) + 1$

24 $w = \frac{ax}{c} + d$

 **Make x the subject**

25 $y = \frac{12}{x}$

26 $p = \frac{q}{x}$

27 $t = \frac{k}{x} + 3$

28 $y = \frac{6}{x+1}$

29 $a = \frac{c(x+2)}{5}$

30 $m = \frac{4}{x} - n$