

# Rearranging Physics Formulae (Minimally Different)

Rearrange the formulae to make the letter in brackets the subject of the formula.

1.  $F = ma$  ( $a$ )

2.  $F = ma$  ( $m$ )

3.  $W = mg$  ( $m$ )

4.  $V = f\lambda$  ( $\lambda$ )

5.  $f\lambda = V$  ( $\lambda$ )

6.  $f\lambda = V$  ( $f$ )

7.  $\Delta GPE = mg\Delta h$  ( $m$ )

8.  $\Delta GPE = mg\Delta h$  ( $\Delta h$ )

9.  $mg\Delta h = \Delta GPE$  ( $\Delta h$ )

10.  $P = I^2R$  ( $R$ )

11.  $P = I^2R$  ( $I$ )

12.  $I^2R = P$  ( $I$ )

13.  $KE = \frac{1}{2}mv^2$  ( $m$ )

14.  $\frac{1}{2}mv^2 = KE$  ( $m$ )

15.  $\frac{1}{2}mv^2 = KE$  ( $v$ )

16.  $\rho = \frac{m}{V}$  ( $m$ )

17.  $P = \frac{E}{t}$  ( $E$ )

18.  $\frac{E}{t} = P$  ( $E$ )

19.  $\frac{E}{t} = P$  ( $t$ )

$$20. \ P = \frac{E}{t} \quad (t)$$

$$21. \ \rho = \frac{m}{V} \quad (V)$$

$$22. \ a = \frac{(v-u)}{t} \quad (v)$$

$$23. \ a = \frac{v-u}{t} \quad (v)$$

$$24. \ a = \frac{v-u}{t} \quad (u)$$

$$25. \ a = \frac{v-u}{t} \quad (t)$$