

Rearranging Physics Formulae (Increasingly Difficult)

Rearrange the formulae to make the letter in brackets the subject of the formula.
The questions get increasingly difficult.

1. $F = ma$ (a)
2. $W = mg$ (m)
3. $V = \frac{x}{t}$ (x)
4. $\rho = \frac{m}{V}$ (m)
5. $P = I^2 R$ (R)
6. $P = \frac{E}{t}$ (t)
7. $P = \frac{F}{A}$ (A)
8. $P = I^2 R$ (I)
9. $\Delta GPE = mg\Delta h$ (m)
10. $a = \frac{v-u}{t}$ (t)
11. $KE = \frac{1}{2}mv^2$ (m)
12. $a = \frac{v-u}{t}$ (v)
13. $KE = \frac{1}{2}mv^2$ (v)
14. $a = \frac{v-u}{t}$ (a)

Now can you write down in words what each equation means. For example, $F = ma$, would be force equals mass times acceleration.