

## Changing the subject of a formula – Answers

### Changing the subject of a formula

(These are the neatest answers – other rearrangements could also be correct.)

$$\begin{array}{llll} 1) x = \frac{d-b}{a} & 2) x = \frac{a+b}{d} & 3) x = \frac{ab-c}{a} \text{ or } x = b - \frac{c}{a} & 4) x = \sqrt{\frac{b+c}{a}} \\ 5) x = d - \left(\frac{a+b}{c}\right)^2 & 6) x = \frac{b+d}{c-a} & 7) x = \frac{a+bc}{1-c} & \end{array}$$