



## ANSWER KEY

1.  $a = \frac{1}{3}$

5. (i) 3 (ii) - 6

6 (i)  $x = -\frac{1}{3}$  (ii)  $x = -1$  and  $x = 2$

(iii)  $x = 0$  (iv)  $x = -\frac{m}{\ell}$

(v)  $x = \frac{1}{2}$

7 (i)  $x = -5$

(ii)  $x = \frac{-5}{2}$

(iii)  $x = \frac{2}{3}$

8.  $6x + 5$

9.  $(x^2 + 4y + 7)(x^2 + 4y + 14)$