

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) $x = -\frac{m}{l}$

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

7 (i) $x = -5$

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

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

8. $6x + 5$

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