

Workout

Question 1:

(a) $x = -1$ or $x = 4$

(b) $x = -3$ or $x = 0$

(c) $x = 1$ or $x = 5$

(d) $x = 13$

(e) $x = -0.5$ or $x = 1$

(f) $x = -2$

(g) $x = 0$ or $x = -3.5$

(h) $x = 3.5$ or $x = 1$

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

(j) $x = -1$ or $x = 3$

(k) $x = 0$ or $x = 8$

(l) $x = 0$ or $x = 1$

Question 2:

(a) $x = -7.19$ or $x = -1.81$

(b) $x = -3.24$ or $x = 1.24$

(c) $x = -5.4$ or $x = 1.9$

(d) $x = 3.63$ or $x = 9.37$

(e) $x = 2.27$ or $x = 5.73$

(f) $x = -0.42$ or $x = 5.92$

Apply

Question 1

It should be $(3x + 7)(x - 2)$

$$x = -\frac{7}{3} \text{ or } x = 2$$