

A045 NS

Q1 $x = -8, x = 3$

Q2 a) i) $(x-9)(x-3)$

ii) $x = 9, x = 3$

b) $(y+10)(y-10)$

Q3 a) $e^2 - 2e - 15$

b) $y = \frac{1}{3}$

c) $x = -6, x = 3$

Q4 $x = 11, x = -5$

Q5 $x = 8, x = 9$

Q6 $x = 4, x = -2$

Q7 $x = \frac{10}{3}, x = -\frac{10}{3}$

Q8 $p = 5, p = -5$

Q9 $(9+x)(9-x) = 0$

$x = -9, x = 9$

Q10 $y = \frac{12}{5}, y = -\frac{12}{5}$