

# A177 Solving quadratics 2

①  $x = 4.30, x = 0.697$

②  $x = 0.268, x = 3.73$

③  $3 \pm \sqrt{17}$

④ a)  $2x^3 + x^2 - 7x - 6$

b)  $-5$

c)  $x = 1.27, x = -0.472$

⑤  $x = \frac{5}{3}$

⑥ length = 9, width =  $1\frac{2}{3}$

⑦ 8.63-8.65 cm

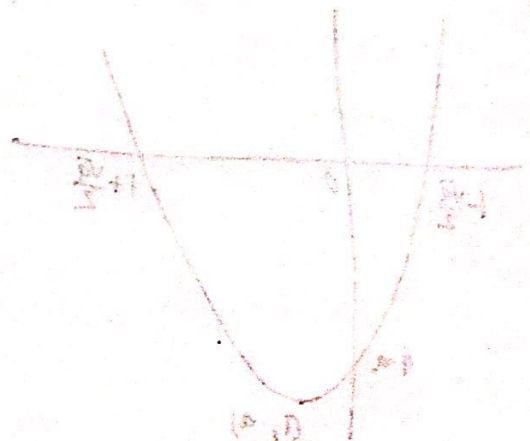
⑧ 5 cm

⑨ a) proof

b)  $x = 13$

⑩ a)  $x = \pm 7$

b)  $y = 18.2$



$a_1 = 1$  (1)  
 $a_2 = 1$  (2)  
 $a_3 = 0$  (3)  
 $a_4 = 0$  (4)  
 $a_5 = 0$  (5)