

## Quadratic Formula

### Workout

Question 1:

- |                   |                   |                   |
|-------------------|-------------------|-------------------|
| (a) -0.2 and -4.8 | (b) -0.3 and -3.2 | (c) -0.5 and -1.5 |
| (d) 1.2 and -3.2  | (e) 0.8 and -2.1  | (f) 1.3 and -3.8  |
| (g) 0.6 and 3.4   | (h) 0.2 and 0.6   | (i) 0.5 and 2.9   |
| (j) -2.9 and 3.9  | (k) 8.4 and -2.4  | (l) 2.4 and -1.9  |
| (m) 1.1 and 0.2   | (n) -0.5          | (o) 1.7 and -0.7  |
| (p) 6.4 and -7.9  | (q) 9.9 and -2.3  | (r) -0.1 and 7.9  |

Question 2:

- |                  |                  |                  |
|------------------|------------------|------------------|
| (a) 2.2 and -9.2 | (b) 7.3 and -2.8 | (c) 1.5 and -2.2 |
| (d) 3.4 and -2.4 | (e) 1.5 and -8.5 | (f) 3.3 and -1.3 |

### Apply

Question 1: Width 22.1m and Length 27.1m

Question 2: Width 57.3m and Length 87.3m

Question 3: Width 32.7m and Length 42.7m

Question 4: Width 17.1m and Length 35.2m

Question 5:  $a=2$ ,  $b=6$ ,  $c=3$

Question 6:  $a=1$ ,  $b=-3$ ,  $c=-5$

Question 7: (a) 12.2      (b) 2.3      (c) 1.8