

Quadratic Formula

Workout

Question 1:

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|-------------------|-------------------|------------------|
| (a) -0.2 and -4.8 | (b) -0.3 and -3.2 | (c) -0.5 and -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:

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| (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