

**Quadratic - Converting to Vertex Form #2**  
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Answer Sheet

**Question 1**

9 metres below the surface

**Question 2**

Vertex is a maximum at  $(4, 25)$

**Question 3**

40 m

**Question 4**

Vertex is a minimum at  $(-2, -7)$

**Question 5**

Vertex is a maximum at  $(-2, 20)$

**Question 6**

9 m

**Question 7**

Vertex is a maximum at  $(2, 5)$

**Question 8**

Vertex is a minimum at  $(-1, -7)$

**Question 9**

The maximum depth is 16 metres

**Question 10**

Vertex is a maximum at  $(-5, 31)$