

Numerics Answers

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Question 1,

(b) Stagnation point $z = (1 + i)/\sqrt{2}$.

(d) Body width $\sqrt{2}\pi$.

Question 2,

(b) Stagnation point $z = 2$

(c) $y = \pm 1$. $x > 2$.

(d) Maximum velocity $U \approx 0.0139$.

Question 5,

(b) (iii) $H = 81/29$.

Question 7,

(b) (ii) $\alpha \approx 0.138$.