Critical Points and Inflection Points Worksheet Answers

#1. Max (0, 0) and min (4, 8)

#2. Max (0, 36) and min (3, 9) Inflection (1.5, 22.5)

#3. Min ($-2\sqrt{2}, 4)$ and ($-2\sqrt{2}, 4)$

#4. Min $x=-10+\sqrt{109}$ $≈$ 0.44 and max $x=-10-\sqrt{109}$ $≈$ –20.44

 Inflection points $x=-20-\sqrt{209}$ $≈$ –34.46 and $x=-20+\sqrt{209}$ $≈$ –5.54