

- #4 max at (-1,1)
- #10 saddle at (2,-2)
- #12 saddle at (0,0), max at (1/6,1/12)
- #18 saddles at $(n\pi, 0)$
- #24 False
- #26 True
- #28 saddle at (0,0),
- #34 max $-3/4$, min -3
- #36 max $\frac{2}{9}\sqrt{3}$, min 0
- #38 9,9,9
- #44 (65,75)