

1. Absolute max: 2.9; Absolute min: 2
2. Absolute max: 3; Absolute min: $-\frac{3}{8}$
3. Absolute max: $2 - \ln 2$; Absolute min: 1
4. Absolute max: 3; Absolute min: 0
5. Absolute max: $\frac{1}{2}$; Absolute min: 0
6. Absolute max: $\frac{3\pi}{2} - 1$; Absolute min: $\frac{\pi}{2} + 1$