

Normal Probability Distribution

Mean = 5

Standard Deviation = 2

Sketch the normal curve.

- 1) Find $P(x < 6)$. Round to two decimal places. Sketch the curve with shaded region.
- 2) Find $P(x > 9)$. Round to two decimal places. Sketch the curve with shaded region.
- 3) Find $P(4 < x < 6)$. Round to two decimal places. Sketch the curve with shaded region.
- 4) Find $P(3 < x < 7)$. Round to two decimal places. Sketch the curve with shaded region.