

Final Answers

$$1) P_{\min} = 59.57 \approx 62.50 \approx ??!$$

$$2) P_{\text{slip}} = 49.92 \approx 45.0 \approx ??!$$

$$P_{\text{tip}} = 67.5 \approx 49.92 \approx ??!$$

$$P_{\text{max slip}} = 72.0 \approx 120.0 \approx ??!$$

→ motion ?!

$$3) P_{\min} = 377.9 \approx 450.9, \approx ??!$$

$$4) P_{\max} = 79.50 \approx 67.0$$

$$5) a) W_{\max} = 22.11$$

$$b) W_{\max} = 3.277 \approx 2.277, \approx ??!$$