

Practice Problem Set 5: Engineering Mechanics (NMEC101)
Answers

1. $\mu_s = 0.385$

2. $M = 15.31 \text{ N} - m$

3. Couple $M = 3.31 \text{ N} - m$

4. (a) $P = 424.6 \text{ N}$, (b) $P = 32.67 \text{ N}$

5. (a) Couple $M = 432 \text{ N} - m$, (b) $\mu_s = 0.219$

6. $P = 5.97 \text{ N}$

7. $P = 5.96 \text{ N}$