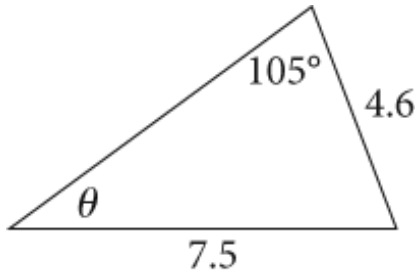
MCR3UI Unit 5 **<u>Skill Reflection # 2</u>** **PLEASE DO <u>NOT</u> WRITE ON THIS PAPER.**
RECORD ALL ANSWERS ON SCRAP PAPER.

<u>Part A:</u> Multiple Choice. Record answers and show all work on separate paper.

1. Determine the measure of $\angle\theta$ to the nearest degree.



a. 11°
b. 24°
c. 36°
d. 51°

2. In triangle PQR, angle Q = 50°, angle R = 100° and side p = 17 m. Calculate the length of side q.

a. 13.2 m
b. 8.5 m
c. 5.6 m
d. 26.0 m

3. In triangle STU, side s = 4 cm, u = 3 cm, angle T = 60°. Calculate the length of side t.

a. 13 cm
b. 3.6 cm
c. 0.5 m
d. 0.7 m

4. In triangle ABC, a = 58 cm, b = 46 cm, c = 62 cm. Calculate the value of angle B.

a. 45°
b. 1°
c. 72°
d. 63°

5. In triangle QTB, q = 46 cm, t = 36 cm, b = 63 cm. The angles, listed in descending size order are:
(No calculations are required.)

a. Q, T, B
b. T, B, Q
c. B, Q, T
d. Q, B, T