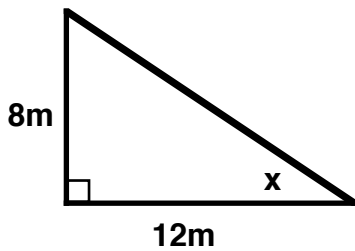# FMP 10 LG 3A (Formative Assessment)
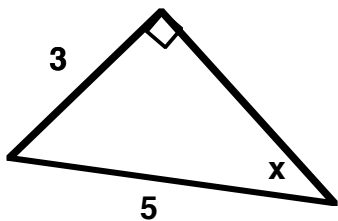
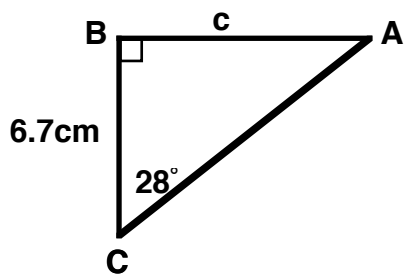**Marking Teacher:** _____   **Name:** _____

Student #: _____

1. What is the formula for Tangent of an angle?

2. If you are given the opposite side and the hypotenuse, what do you have to do first to find the tangent of the angle and then the angle?

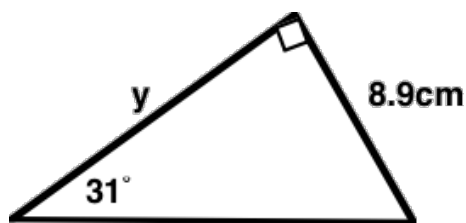3. Find the measure of the indicated angle to the nearest degree.

4. Find the measure of the indicated angle to the nearest degree.

5. Find the length of the indicated side to the nearest tenth of a centimeter.

B · c · A

6.7cm

28°

C

6. Find the length of the indicated side to the nearest tenth of a centimeter.

y · 8.9cm

31°

7. Jaiden is standing 20m away from the base of a tall building. If, from this point, the angle of elevation to the top of the building is 73°, how tall is the building to the nearest tenth of a metre?

Directions: ☐ **See me about this**   ☐ **Move on to next guide**   ☐ **Review and redo**

FMP 10 LG 3B (Formative Assessment)
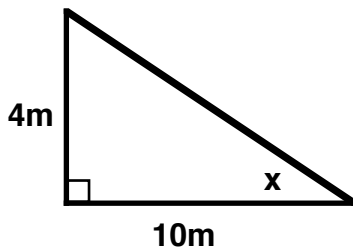
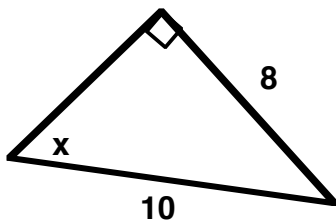**Marking Teacher:** _____   **Name:** _____

Student #: _____

1.   What is the formula for Tangent of an angle?

2.   If you are given the adjacent side and the hypotenuse, what do you have to do first to find the tangent of the angle and then the angle?
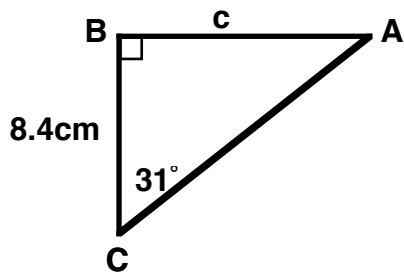
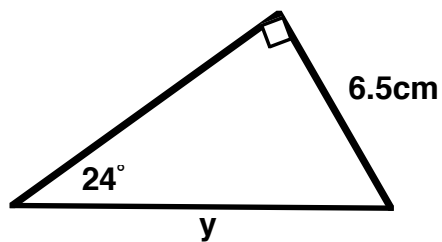3.   Find the measure of the indicated angle to the nearest degree.

4.   Find the measure of the indicated angle to the nearest degree.

5. Find the length of the indicated side to the nearest tenth of a centimeter.

6. Find the length of the indicated side to the nearest tenth of a centimeter.

7. Jaiden is standing 30m away from the base of a tall building. If, from this point, the angle of elevation to the top of the building is 70°, how tall is the building to the nearest tenth of a metre?

Directions: ☐ **See me about this**   ☐ **Move on to next guide**   ☐ **Review and redo**