

Warmup - Applications #3

- Set up a trig ratio equation.
- Solve. Write and label your answer. Round to the nearest tenth.

Airplane, A, is in the same vertical plane as two towns, B and C. The height of the plane is 5,000 feet. The angle of depression to town B is 50° and the angle of depression to town C is 40° . Find the distance between the two towns.