1. An ant is 10 mm long. A tardigrade is 1 mm long. How many times larger is an ant than a tardigrade?
2. A football is 300 mm long. An alligator is 3,000 mm long. How many times bigger would you have to make a football in order to make it as long as an alligator?
3. An alligator is 3,000 mm long. The length of a football field is 100,000 mm long. How many alligators could fit along the length of a football field?
4. The tallest building in the world is 800,000 mm tall. The smallest a human can see is 0.1 mm. How many times smaller would the tallest building have to be shrunk in order to be too small to see?