Using Powers of 10 to Describe Large and Small Numbers

## Partner A Card

Here are the answers to Partner B's questions:

- Light waves travel through space at a speed of 3 hundred million meters per second.
- The population of India is about 1,300,000,000 people.
- The wavelength of a gamma ray is 0.0000000000048 meters.
- The tardigrade (water bear) is 5 ten-thousandths of a meter long.

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## Partner B Card

Here are the answers to Partner A's questions:

- Around the world, about 14,000,000,000 pencils are made each year.
- The mass of a proton is 0.00000000000000000000000000167 kilograms.
- The population of Russia is about 144 million people.
- The diameter of a bacteria cell is about 2 ten-millionths of a meter.

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