

Cosmic Voyage - Powers of Ten

Name _____

Name 2 things that are between 2 and 4 meters in size.

- ➡
- ➡

Find 2 more great answers from your classmates

- ➡
- ➡

Name 2 things that are between 0.2 and 0.4 meters in size.

- ➡
- ➡

Find 2 more great answers from your classmates

- ➡
- ➡

What is 1 thing that is more than 6 powers of 10 **smaller** than a meter in size?

- ➡

What is 1 thing that is more than 8 powers of 10 **farther** than a meter away from the Earth?

- ➡

Sometimes right answers don't make sense without good units.

example: How old are you, Mr. Haine? answer 1.45 billion... *seconds?*
or: how much did you pay for your new car? 2.52 million... *pennies?*

Provide one example of a ridiculous unit for the answer to a question?

- ➡

Find one great one from a classmate.

- ➡

Someday there will be a unit named after, or just created by, you.

example: a WissClass (Wc) is a time period equal to 58 minutes
or: a Homework (Hw) is a group of 8 physics problems

What is your new unit, and how can we convert it back to standard units?

- ➡

Find 2 great ones from classmates

- ➡
- ➡

