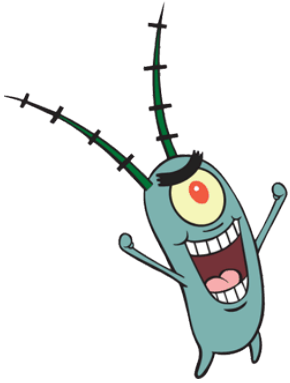


plankton math!!

NAME _____



1. Plankton Size ranges from 108.6 μm (*Keratella tropica*) to 2488.6 μm (females of *Argyrodiaptomus azevedoi*). If you pick the tiniest plankton, how many would it take, (end to end), to make one cm?

2. Plankton Size ranges from 108.6 μm (*Keratella tropica*) to 2488.6 μm (females of *Argyrodiaptomus azevedoi*). If you pick the largest plankton, how many would it take, (end to end), to make one cm?

3. Plankton mass ranges from 0.025 μg (*K. tropica*) to 51.250 μg (females of *A. azevedoi*). If you pick the tiniest plankton, how many would it take to make 1 kg?

4. If a whale eats 3500 kg of the TINY plankton each day, about how many plankton would that be?

5. Plankton mass ranges from 0.025 μg (*K. tropica*) to 51.250 μg (females of *A. azevedoi*). If you pick the largest plankton, how many would it take to make 1 kg?

6. If a whale eats 3500 kg of the BIGGEST plankton each day, about how many plankton would that be?

7. FACT: Phytoplankton make 50-85% of all the world's oxygen.

FACT: Warmer water kills off plankton.

FACT: Phytoplankton need clear water in order to catch the sun's rays.

What are the long term problems that could come from human pollution such as oil?

8. What are the long term problems if humans keep putting CO₂ into the air by burning fossil fuels? Include plankton in your answer.
