DIRECTIONS: Show all of your work as you complete the conversions below. Don’t forget to report your answer in significant figures.

1. How many grams are in 123 kilograms?

2. How many kilograms are in 123 grams?

3. How many micrometers are in 4.56 megameters?
4. How many yards are equal to exactly 300m? (2.54cm = 1inch)

5. How many microseconds are in 12 minutes?

6. How many liters of milk are in a one gallon container of milk? (1L = 1.06 quarts)