

Name: _____

Milligram * Gram * Kilogram

Directions: Solve the problems in milligrams, grams and kilograms.

1000 mg = 1 gram * 1000 g = 1 kilogram

1. My recipe calls for 200 grams of flour, 30 grams of sugar, and 400 grams of water. How many kilograms of each ingredient do I need?
2. Barbara has 14 tiny paperclips that weigh .45 grams each. She has 15 larger paperclips that weigh 2.5 grams each. How many grams total in paperclips does Barbara have?
3. Sheila has 5 bags of sugar. The total weight of all bags is 8 kilograms. What is the mass of each bag of sugar in grams?
4. Pops bought 4 watermelons. The first weighed 8.5 kg. The second weighed 8 kg. The rest two weighed 9 kg each. How many grams total did all 4 watermelons weigh?
5. What is the total weight in milligrams for Pops' watermelons?