

Homework Helper

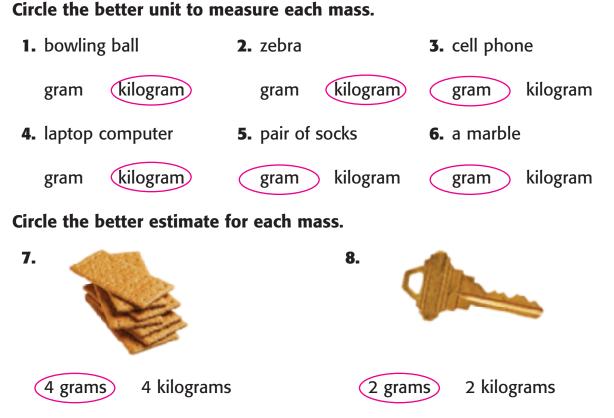
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Gordon wants to measure the mass of his German shepherd. Is it more reasonable for Gordon to measure his dog's mass in grams or kilograms?

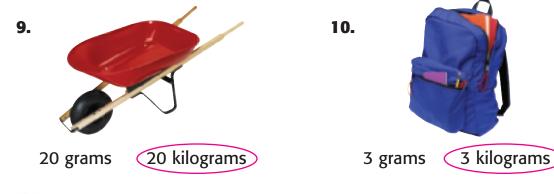
A paper clip has a mass of about 1 gram. A textbook has a mass of about 1 kilogram.

Because Gordon's dog is large, it does not make sense to measure its mass in grams. It is more reasonable for Gordon to measure his dog's mass in kilograms.

Practice



Circle the better estimate for each mass.



Problem Solving

11. PRACTICE Use Mental Math Dylan is making a casserole that serves 4 people. The recipe calls for shredded cheese. Would it be more reasonable for Dylan to measure the mass of the cheese in grams or kilograms? Explain.

It is more reasonable to measure the cheese in grams. The

recipe serves only 4 people, so a kilogram or more would be

too much cheese.

12. Paulette needs help moving her file cabinet. Is 40 grams or 40 kilograms a more reasonable estimate for the file cabinet's mass? Explain.

40 kilograms is a more reasonable estimate. She would not need

help moving something with a mass of only 40 grams.

Vocabulary Check

Choose the correct word to complete each sentence.

kilogram mass gram

mass **13.** The amount of matter an object has is its _

kilogram **14.** A baseball bat has a mass of about 1

gram **15.** A penny has a mass of about 1 _____