

MY Homework**Lesson 3****Hands On:
Estimate and
Measure Mass****Homework Helper**Need help? connectED.mcgraw-hill.com

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 unit to measure each mass.

1. bowling ball

gram kilogram

2. zebra

gram kilogram

3. cell phone

gram kilogram

4. laptop computer

gram kilogram

5. pair of socks

gram kilogram

6. a marble

gram kilogram

Circle the better estimate for each mass.

7.



4 grams 4 kilograms

8.



2 grams 2 kilograms

Circle the better estimate for each mass.

9.



20 grams 20 kilograms


10.



3 grams 3 kilograms



Problem Solving

11. **Mathematical 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.

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.

Vocabulary Check



Choose the correct word to complete each sentence.

mass gram kilogram

13. The amount of matter an object has is its _____.
14. A baseball bat has a mass of about 1 _____.
15. A penny has a mass of about 1 _____.