



# Estimate and Measure SI (Metric) Mass

**TAKS** Objective 4  
**TEKS** 4.11A

Solve each problem.

1. Which object has more mass—a bag weighing 10 grams or a bag weighing 10 kilograms?

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3. Patricia’s kitten was just weighed at the vet’s office. Does the kitten weigh 1 kilogram or 1 gram?

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5. Suki feeds her dog a small amount of dry food two times each day. Which unit would she most likely use to measure the food—gram or kilogram?

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2. Ari is buying pears to bake a pie. Which unit would he most likely use to measure the mass of the pears—gram or kilogram?

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4. Sam is measuring the mass of a sugar cube for a science experiment. Which unit would he most likely use to measure the sugar—gram or kilogram?

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6. Is the mass of a basketball more likely 600 grams or 60 kilograms?

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