

4.MD.A.1 Estimate and Convert Mass Measurements – I

4.MD.A.1: Know relative sizes of measurement units within one system of units

1. Circle the most reasonable measurement.

 <p>5 g or 5 kg</p>	 <p>5,000 kg or 500 g</p>
 <p>280 g or 280 mg</p>	 <p>150 kg or 150 g</p>

2. Convert the units to fill in the blanks.

- | | |
|---------------------|------------------------|
| a. 1 kg = _____ g | d. 2,500 g = _____ kg |
| b. 1 g = _____ mg | e. 5 kg = _____ g |
| c. 10 kg = _____ mg | f. _____ kg = 50,000 g |

3. Harold bought 4 kg of potatoes. How many grams of potatoes did Harold buy?

Solution:

4. Megan bought 2,000 g of sugar. How many kilograms of sugar did she buy?

Solution:

5. True or False?

- 1,000 milligram = 1 kilogram
- 1 kilogram = 1,000 grams
- 750 grams = 0.75 kilogram

Solution:





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Answer Key

4.MD.A.1: Know relative sizes of measurement units within one system of units

1. Circle the most reasonable measurement.

 <p>5 g or <u>5 kg</u></p>	 <p>5,000 kg or <u>500 g</u></p>
 <p><u>280 g</u> or 280 mg</p>	 <p><u>150 kg</u> or 150 g</p>

2. Convert the units to fill in the blanks.

- a. 1 kg = 1,000 g
 b. 1 g = 1,000 mg
 c. 10 kg = 10,000,000 mg
 d. 2,500 g = 2.5 kg
 e. 5 kg = 5,000 g
 f. 50 kg = 50,000 g

3. Harold bought 4 kg of potatoes. How many grams of potatoes did Harold buy?

Solution:

4,000 grams

4. Megan bought 2,000 g of sugar. How many kilograms of sugar did she buy?

Solution:

2 kilograms

5. True or False?

- a. 1,000 milligram = 1 kilogram
 b. 1 kilogram = 1,000 grams
 c. 750 grams = 0.75 kilogram

Solution:

- a. False
 b. True
 c. True