

## 3.MD.A.2 Metric Units for Mass

3.MD.A.2: Measure and estimate liquid volumes and masses of objects using standard units.

Grams (g) and kilograms (kg) are two units used to measure weight in the metric system.

Grams (g) is used to measure light objects.

1 g →



A paper clip weighs about 1 gram.

Kilograms (kg) is used to measure heavy objects.

1 kg →



A pineapple weighs about 1 kilogram.

$$1,000 \text{ g} = 1 \text{ kg}$$

Choose the unit you would need to measure the weight of each object. Write grams (g) or kilograms (kg).

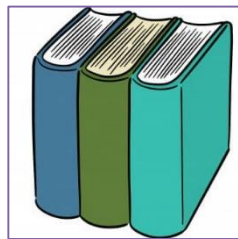

















Use the symbols  $<$ ,  $>$ , or  $=$  to compare.



3 kg \_\_\_\_\_ 2,000 g      5,000 g \_\_\_\_\_ 5 kg      6 kg \_\_\_\_\_ 6,000 g

4 g \_\_\_\_\_ 1 kg      3 kg \_\_\_\_\_ 5 g      3,000 g \_\_\_\_\_ 2 kg

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**Answer Key**

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Grams (g) and kilograms (kg) are two units used to measure weight in the metric system.	
Grams (g) is used to measure light objects.	Kilograms (kg) is used to measure heavy objects.
<p>1 g → </p> <p>A paper clip weighs about 1 gram.</p>	<p>1 kg → </p> <p>A pineapple weighs about 1 kilogram.</p>
<b>1,000 g = 1 kg</b>	

Choose the unit you would need to measure the weight of each object. Write grams (g) or kilograms (kg).

			
grams (g)	kilograms (kg)	grams (g)	kilograms (kg)
			
grams (g)	kilograms (kg)	kilograms (kg)	grams (g)

Use the symbols <, >, or = to compare.

3 kg   >   2,000 g      5,000 g   =   5 kg      6 kg   =   6,000 g  
 4 g   <   1 kg      3 kg   >   5 g      3,000 g   >   2 kg