





## 4.MD.A.1 Estimate and Convert Mass Measurements – II

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

1. Circle the most reasonable measurement.

 <p>10 g or 300 g</p>	 <p>2 pounds or 20 kg</p>
 <p>25 kg or 25 g</p>	 <p>30 kg or 30 g</p>

2. There are 3 apples in a basket, each weighing 70 grams. Find the total weight of apples in kilograms.

Solution:

3. Harry bought 12 kg of flour. How many grams of flour did he buy?

Solution:

4. Complete the following tables.

Grams	1,000		8,000		55,000	
Kilograms		2		10		20

Grams		12,000			23,000	500
Kilograms	0.001		13	25		




Milligrams	1,000		5,000		11,000	
Grams		2		9		6

# 4.MD.A.1 Estimate and Convert Mass Measurements – II

## Answer Key

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

- Circle the most reasonable measurement.

 <p>10 g or <b>300 g</b></p>	 <p><b>2 pounds</b> or 20 kg</p>
 <p><b>25 kg</b> or 25 g</p>	 <p>30 kg or <b>30 g</b></p>

- There are 3 apples in a basket, each weighing 70 grams. Find the total weight of apples in kilograms.

Solution:

**0.21 kilogram**

- Harry bought 12 kg of flour. How many grams of flour did he buy?

Solution:

**12,000 grams**

- Complete the following tables.

Grams	1,000	<b>2,000</b>	8,000	<b>10,000</b>	55,000	<b>20,000</b>
Kilograms	<b>1</b>	2	<b>8</b>	10	<b>55</b>	20

Grams	<b>1</b>	12,000	<b>13,000</b>	<b>25,000</b>	23,000	500
Kilograms	0.001	<b>12</b>	13	25	<b>23</b>	<b>0.5</b>

Milligrams	1,000	<b>2,000</b>	5,000	<b>9,000</b>	11,000	<b>6,000</b>
Grams	<b>1</b>	2	<b>5</b>	9	<b>11</b>	6