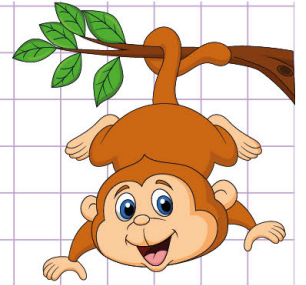


Name: Class:

Compare and convert metric units of Weight

a. Convert 57 grams to decigrams.



b. Which is larger 5 kilograms or 3,500 grams?

c. Which metric unit is bigger. Tick the correct answer.

i. 2,600 milligrams or 2.5 grams

☐ 2,600 milligrams ☐ 2.5 grams

ii. 786 centigrams or 8 grams

☐ 786 centigrams ☐ 8 grams

iii. 2,987 milligrams or 25.87 decigrams

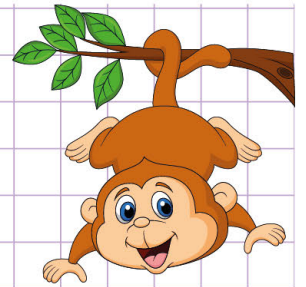
☐ 2,987 milligrams ☐ 25.87 decigrams

iv. 19 centigrams or 200 milligrams

☐ 19 centigrams ☐ 200 milligrams

Name: Class:

Compare and convert metric units of Weight



a. Convert 57 grams to decigrams.

If 1 gram = 10 decigrams,
 then 57 grams = (57×10) decigrams
 = 570 decimeters.
 So, 570 decigrams = 57 grams.

b. Which is larger 5 kilograms or 3,500 grams?

First of all, let's convert to same metric unit then compare.

Let's convert grams to kilograms.

If 1,000grams = 1 kilogram,
 then 3,500 grams = $\left(\frac{3,500 \times 1}{1000}\right)$ kilograms.
 = 3.5 kilograms.

Now, let's compare.

Since 3.5 kilograms is less than 5 kilograms,
 it implies that 5 kilograms is larger than 3,500 grams.

c. Which metric unit is bigger? Tick the correct answer.

i. 2,600 milligrams or 2.5 grams

☒ 2,600 milligrams ☐ 2.5 grams

ii. 786 centigrams or 8 grams

☐ 786 centigrams ☒ 8 grams

iii. 2,987 milligrams or 25.87 decigrams

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iv. 19 centigrams or 200 milligrams

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