

Name: ..... Class: .....

Compare and convert metric units of weight

1. Which is larger, 1,760 milligrams or 2 grams ?

☐ 1, 760 milligrams      ☐ They are equal      ☐ 2 grams

2. Which is larger, 2 kilograms or 3,000 grams ?

☐ 3,000 grams      ☐ 2 kilograms      ☐ They are equal

3. Which is larger, 10 centigrams or 1000 milligrams ?

☐ 10 centigrams      ☐ 200 milligrams      ☐ They are equal

4. Convert 10, 000 milligram to grams.



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## Compare and convert metric units of weight

1. Which is larger, 1,760 milligrams or 2 grams ?

☐ 1, 760 milligrams      ☐ They are equal      ☒ 2 grams

2, 000 milligrams = 2 grams. You see that 1,760 is smaller than 2,000

2. Which is larger, 2 kilograms or 3,000 grams ?

☒ 3,000 grams      ☐ 2 kilograms      ☐ They are equal

Let's first of all convert the grams to kilograms

If 1,000g = 1 kilograms,

Then  $3,000\text{g} = 3,000/1,000 = 3$  kilograms

Now let's compare.

You see that 3 kilograms is larger than 2 kilograms.

So, 300 grams is larger than 2 kilograms.

3. Which is larger, 10 centigrams or 1000 milligrams ?

☐ 10 centigrams      ☐ 200 milligrams      ☒ They are equal

Let's first of all find how many milligrams are 10 centigrams

1,000 milligrams = 10 centigrams

Now let's compare.

You see that 10 centigrams is equal to 1000 milligrams.

4. Convert 10, 000 milligram to grams.

If 1,000 milligram = 1 gram

then, 10,000 milligram will be equal to,

$10,000/1,000 = 10$  grams

So, 10,000 milligrams = 10 grams.

