

CHEMISTRY PROBLEM SET 1-1

Name

1. I have a mass of 80.0 Kg, what is my mass in grams ?
2. A pencil has a mass of 15.6 g. What is its mass in mg . ?
3. A piece of aluminum wire is 28.5 cm in length. What is its length in meters ?
4. A paper clip has a mass of 1.086 grams. What is its mass in mg. ?
5. A glass of milk has a volume of 215.6 ml. What is its volume in liters. ?
6. A package of ground beef has a mass of 2.186 Kg. What is its mass in mg. ?
7. You walked 1.876 Km. How many meters did you walk ? How many cm. ?
8. A pen has a length of 19.0 cm. What is its length in mm ?

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Key
Name

1. I have a mass of 80.0 Kg, what is my mass in grams ?

80,000 g

2. A pencil has a mass of 15.6 g. What is its mass in mg. ?

15600 mg

3. A piece of aluminum wire is 28.5 cm in length. What is its length in meters ?

0.285 m

4. A paper clip has a mass of 1.086 grams. What is its mass in mg. ?

1086 mg

5. A glass of milk has a volume of 215.6 ml. What is its volume in liters. ?

0.2156 L

6. A package of ground beef has a mass of 2.186 Kg. What is its mass in mg. ?

2186000 mg

7. You walked 1.876 Km. How many meters did you walk ? How many cm. ?

1876 m = 187600 cm

8. A pen has a length of 19.0 cm. What is its length in mm ?

190 mm