Name _____   Date _____

Estimating Weight in Metric Units

Four packages weigh 300 g, 350 g, 4 kg 100 g and 2 kg 300 g. What is the total weight of the packages?

Solution:

Step 1   We know, 1 kg = 1000 g

Step 2   First package = 300 g

                 Second package = 350 g

                 Third package = 4000 + 100 g = 4100 g

                 Fourth package = 2000 + 300 g = 2300 g

Step 3   Adding all the measurements:

= 300 + 350 + 4100 + 2300 g

= 7350 g or 7.35 kg

Answer: 7350 g

Practice Problems.

1   Angela bought 3 varieties of sugar. One of them weighed 2 kg and other two weighed 500 g each? What is the total weight in kilograms of the three varieties of sugar?

2   Alexander brought 250-gram flour for $11.50. What is the total cost of 2 kg of flour?