



Measuring Metric Mass

Solve the word problems.

Abby has a mass of 47 kg. When she weighed herself and her cat, the scale read 53 kg. What is the mass of her cat?

kg

Dylan harvests corn. His empty truck is 5 tons. When it is full, it has a mass of 15 tons. What is the mass of his corn?

tons

The mass of the can of beans is 380 g. Empty, the mass of the can is 40 g. What is the mass of the beans?

g

In my apartment building, the empty elevator's mass is 160 kg. When I go in with my friends, its mass is 400 kg. What is the mass of all the people in the elevator?

kg

Ethan has filled his backpack with schoolbooks and it now has a mass of 2,310 g. The books have a mass of 850 g. What is the mass of the backpack?

g