

## Weight Word Problems

**You have 2 kilograms of sausage. You want to make 100 gram patties of sausage. How many patties can you make?**

Work:

Answer:

**You are buying bulk candy. It is \$4.00 per pound. How many ounces can you buy with \$2.50?**

Work:

Answer:

**A shipment of apples weighs 500 pounds. What is the weight in kilograms?**

Work:

Answer:

**A box of books weighs 20 kilograms. What is the weight in pounds?**

Work:

Answer:



## Answers

**You have 2 kilograms of sausage. You want to make 100 gram patties of sausage. How many patties can you make?**

Work: 1 kilogram = 1,000 grams.  $2 \times 1,000 = 2,000$  grams

$2,000 / 100$  grams per patty = 20

Answer: 20 patties

**You are buying bulk candy. It is \$4.00 per pound. How many ounces can you buy with \$2.50?**

Work:  $2.50 / 4 = .625$  (percentage of a pound \$2.50 can buy)

$.625 \times 16$  ounces in a pound = 10

Answer: 10 ounces of candy

**A shipment of apples weighs 500 pounds. What is the weight in kilograms?**

Work: 1 pound = 0.453592 kilograms

$500 \times 0.453592 = 226.796$

Answer: 226.80 kilograms.

**A box of books weighs 20 kilograms. What is the weight in pounds?**

Work: 1 kilogram = 2.20462 pounds

$20 \times 2.20462 = 44.0924$

Answer: 44.09 pounds.

