

Converting between units of mass: kilograms and grams

Name: _____

Date: _____

1 kilogram = 1000 grams

1 KILOGRAMS (kg) to GRAMS (g)

To convert from kilograms to grams, MULTIPLY by 1000.

- a) 3 kg = _____ g e) 1.67 kg = _____ g
b) 7 kg = _____ g f) 8.945 kg = _____ g
c) 5.2 kg = _____ g g) 6.009 kg = _____ g
d) 2.9 kg = _____ g h) 12.85 kg = _____ g

2 GRAMS (g) to KILOGRAMS (kg)

To convert from grams to kilograms, DIVIDE by 1000.

- a) 5000 g = _____ kg e) 955 g = _____ kg
b) 3200 g = _____ kg f) 780 g = _____ kg
c) 6500 g = _____ kg g) 25 g = _____ kg
d) 9367 g = _____ kg h) 15699 g = _____ kg

3 QUESTIONS:

- a) An orange weighs 155 grams.
What's the weight of the orange in kilograms? _____ kg
- b) Jackson bought 7.25 kilograms of apples.
What's the weight of the apples in grams? _____ g
- c) Four bags of flour have a mass of 7455 grams. This is the same as _____ kilograms.
- d) Sam needs 10 kg of lemons to make lemonade. If each bag of lemons weighs 1000 g, how many bags does he need? _____
- e) How many 250 g bags of grapes are needed to make 5 kg?
