

Converting between units of mass: tonnes and kilograms

Name: _____

Date: _____

1 tonne = 1000 kilograms

1

TONNES (t) to KILOGRAMS (kg)

To convert from tonnes to kilograms, MULTIPLY by 1000.

- a) $9 \text{ t} =$ _____ kg e) $4.82 \text{ t} =$ _____ kg
b) $2.5 \text{ t} =$ _____ kg f) $5.355 \text{ t} =$ _____ kg
c) $6.8 \text{ t} =$ _____ kg g) $8.106 \text{ t} =$ _____ kg
d) $1.93 \text{ t} =$ _____ kg h) $22.6 \text{ t} =$ _____ kg

2

KILOGRAMS (kg) to TONNES (t)

To convert from kilograms to tonnes, DIVIDE by 1000.

- a) $15000 \text{ kg} =$ _____ t e) $555 \text{ kg} =$ _____ t
b) $6400 \text{ kg} =$ _____ t f) $908 \text{ kg} =$ _____ t
c) $9250 \text{ kg} =$ _____ t g) $80 \text{ kg} =$ _____ t
d) $3090 \text{ kg} =$ _____ t h) $17205 \text{ kg} =$ _____ t

3

QUESTIONS:

a) A newborn elephant weighs 125 kg.

What's the weight of the newborn in tonnes? _____ t

b) An adult elephant weighs 4.32 t.

What's the weight of the elephant in kilograms? _____ kg

c) Sally weighs 50 kg. How many children Sally's weight weigh one tonne altogether? _____ .

d) A crate of bricks has a mass of 250 kg. A builder ordered 10 crates. In tonnes, what's the total mass of the 10 crates? _____ t

e) How many 2kg bags of flour are needed for a total mass of 1 tonne?
