

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) $9 \text{ t} = 9000 \text{ kg}$

e) $4.82 \text{ t} = 4820 \text{ kg}$

b) $2.5 \text{ t} = 2500 \text{ kg}$

f) $5.355 \text{ t} = 5355 \text{ kg}$

c) $6.8 \text{ t} = 6800 \text{ kg}$

g) $8.106 \text{ t} = 8106 \text{ kg}$

d) $1.93 \text{ t} = 1930 \text{ kg}$

h) $22.6 \text{ t} = 22600 \text{ kg}$

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KILOGRAMS (kg) to TONNES (t)

To convert from kilograms to tonnes, **DIVIDE** by 1000.

a) $15000 \text{ kg} = 15 \text{ t}$

e) $555 \text{ kg} = 0.555 \text{ t}$

b) $6400 \text{ kg} = 6.4 \text{ t}$

f) $908 \text{ kg} = 0.908 \text{ t}$

c) $9250 \text{ kg} = 9.25 \text{ t}$

g) $80 \text{ kg} = 0.08 \text{ t}$

d) $3090 \text{ kg} = 3.09 \text{ t}$

h) $17205 \text{ kg} = 17.205 \text{ t}$

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QUESTIONS:

a) A newborn elephant weighs 125 kg.

What's the weight of the newborn in tonnes? 0.125 t

b) An adult elephant weighs 4.32 t.

What's the weight of the elephant in kilograms? 4320 kg

c) Sally weighs 50 kg. How many children Sally's weight weigh one tonne altogether? 20 .

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? 2.5 t

e) How many 2kg bags of flour are needed for a total mass of 1 tonne?
 500