

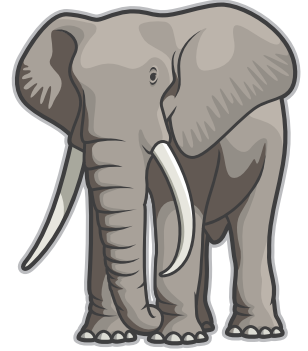
# Tonnes

Equipment: bathroom scales

What 's the mass of an African elephant?

The average mass of an African elephant is 6000 kilograms (6000 kg).

There are 1000 kilograms in a tonne, so the average mass of an African elephant is 6 tonnes (6 t).



Task: Weigh yourself using bathroom scales.

How many of you are needed to weigh 1 tonne? \_\_\_\_\_

How many of you are needed to balance a scale with an African Elephant? \_\_\_\_\_

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## Research Task

In kilograms, first estimate the masses of each item in the table.

Then search online to find their average masses.

Enter the masses in both kilograms and tonnes.



Tips: For example, using a search engine ask

“Convert 72 kilograms to tonnes.”

“What is the average mass of a small car in kilograms?” \*\*Make sure to ask in kilograms!

Average mass of	Estimate Mass	Average Mass	In tonnes
An adult man	65 kg	72 kg	0.072 t
A small car			
A piano			
An adult giraffe			
An adult horse			
A blue whale			