



PROBLEM SOLVING – HEAVIEST TERRESTRIAL ANIMALS (STANDARD UNITS)

Terrestrial animals are animals that live on land rather than in the sea.

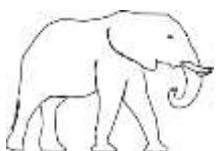
The table below shows some of the heaviest terrestrial animals in the world.

Animal	Average Mass (tons)	Nearest ton
African bush elephant	4.4	
Asian elephant	3.76	
African forest elephant	2.5	
White rhinoceros	1.9	2
Indian rhinoceros	1.7	
Hippopotamus	1.6	

Source: Wikipedia

http://en.wikipedia.org/wiki/Largest_organisms

- 1) Round each of the weights to the nearest ton, and fill in the nearest ton column.
- 2) How much heavier is the white rhinoceros than the hippopotamus? _____ tons
- 3) How much heavier is the African bush elephant than the African forest elephant? _____ tons
- 4) What is the difference in weight between the Indian rhinoceros and the African forest elephant? _____ tons
- 5) A ton is 2000lb. How many lb does an Asian elephant weigh? _____ lb
- 6) Tyger says that the African bush elephant is heavier than the 3 lightest animals in the table. Is he right? _____
- 7) Tyger says “An African bush elephant is heavier than 2 white rhinoceroses.” Is he right? _____





PROBLEM SOLVING – HEAVIEST TERRESTRIAL ANIMALS (STANDARD UNITS) ANSWERS

Terrestrial animals are animals that live on land rather than in the sea.

The table below shows some of the heaviest terrestrial animals in the world.

Animal	Average Mass (tons)	Nearest tonne
African bush elephant	4.4	4
Asian elephant	3.76	4
African forest elephant	2.5	3
White rhinoceros	1.9	2
Indian rhinoceros	1.7	2
Hippopotamus	1.6	2

Source: Wikipedia

http://en.wikipedia.org/wiki/Largest_organisms

- 1) Round each of the weights to the nearest ton, and fill in the nearest ton column.
- 2) How much heavier is the white rhinoceros than the hippopotamus? **0.3 tons**
- 3) How much heavier is the African bush elephant than the African forest elephant? **1.9 tons**
- 4) What is the difference in weight between the Indian rhinoceros and the African forest elephant? **0.8 tons (The African forest elephant is 0.8 tons heavier.)**
- 5) A ton is 2000lb. How many lb does an Asian elephant weigh? **7520 lb**
- 6) Tyger says that the African bush elephant is heavier than the 3 lightest animals in the table. Is he right? **White rhino + Indian rhino + hippo = 1.9 + 1.7 + 1.6 = 5.2**
African bush elephant = 4.4. So he is not right.
- 7) Tyger says “An African bush elephant is heavier than 2 white rhinoceroses.” Is he right? **African Bush = 4.4 White rhino = 1.9. 1.9 x 2 = 3.8.**
So he is correct.

