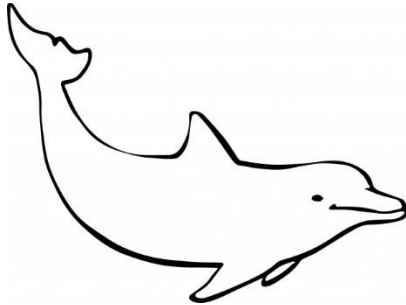


Mammal Mass Mania



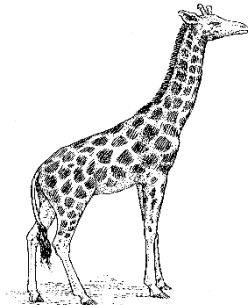
Directions: Convert the mass of each animal into kilograms, then write the order of the animals' mass with one being the smallest animal and 6 being the largest animal. Fun fact: These animals are all affected by humans. To decrease your impact make sure to reduce, reuse, and recycle.

Bottlenose Dolphin
~499 million milligrams



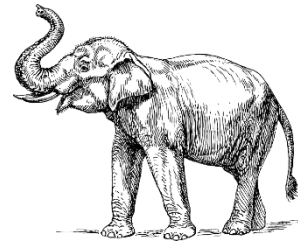
Dolphin mass(kg): _____
Rank: _____

Giraffe
~9,525 hectograms



Giraffe mass(kg): _____
Rank: _____

Asian Elephant
~ 3.5 million grams



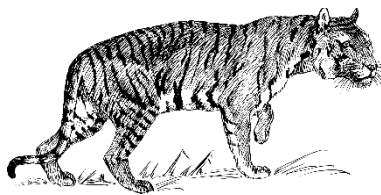
Elephant mass(kg): _____
Rank: _____

Killer Whale
~45 million decigrams



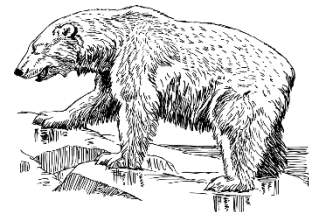
Whale mass(kg): _____
Rank: _____

Bengal Tiger
~17 million centigrams



Tiger mass(kg): _____
Rank: _____

Polar Bear
63,500 dekagrams



Polar bear mass(kg): _____
Rank: _____

Bonus question:

Find the mass of a blue whale whose mass is 136, 077 kg in centigrams and hectograms.

_____ centigrams

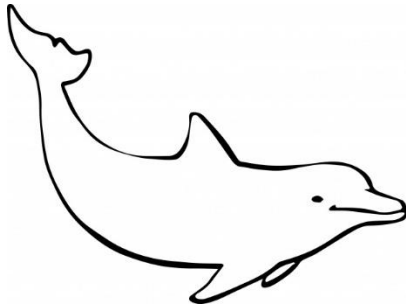
_____ hectograms

Answer Key



Directions: Convert the mass of each animal into kilograms, then write the order of the animals' mass with 1 being the smallest animal and 6 being the largest animal. Fun fact: These animals are all affected by humans. To decrease your impact make sure to reduce, reuse, and recycle.

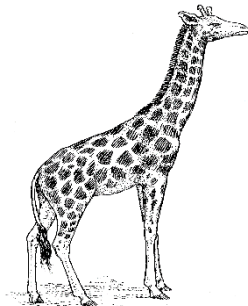
Bottlenose Dolphin
~499 million milligrams



Dolphin mass(kg): 499 kg

Rank: 2

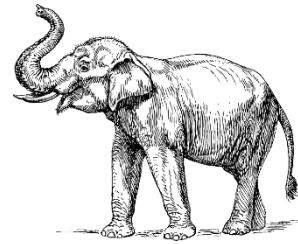
Giraffe
~9,525 hectograms



Giraffe mass(kg): 952.5 kg

Rank: 4

Asian Elephant
~ 3.5 million grams



Elephant mass(kg): 3500 kg

Rank: 5

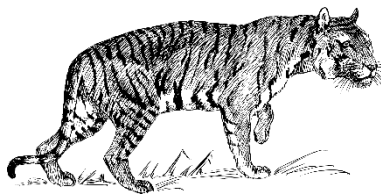
Killer Whale
~45 million decigrams



Whale mass(kg): 4500 kg

Rank: 6

Bengal Tiger
~17 million centigrams



Tiger mass(kg): 170 kg

Rank:1

Polar Bear
63,500 dekagrams



Polar bear mass(kg): 635 kg

Rank: 3

Bonus question:

Find the mass of a blue whale whose mass is 136, 077 kg in centigrams and hectograms.

1.36077×10^{10} or 13,607,700,000 or 13.6077 billion centigrams

1.36077×10^6 or 1.36077 million or 1,360,770 hectograms