**Brandt  
Biology 30**

**Athlete Vs. Animal**

Working in pairs or small groups, please complete each of the events listed and record your data in the table provided. Once complete- please return to the class to compare your data to that of other members of kingdom Animalia.

|  |  |  |  |
| --- | --- | --- | --- |
| **Event** | **Group Member A** | **Group Member B** | **Group Member C** |
| **100m Sprint** |  |  |  |
| **Standing Jump Distance** |  |  |  |
| **Reaction Time**  **(using 30cm ruler)** |  |  |  |
| **Average sleep per day**  **(estimate)** |  |  |  |
| **Breath hold** |  |  |  |
| **Weight Lift**  **(be careful!)** |  |  |  |
| **Color Vision Test**  **(App) see website** |  |  |  |
| **Your Choice A** |  |  |  |
| **Your Choice B** |  |  |  |

Once complete- please return to the class to compare your results.

**Athlete Vs. Animal Results**

**Running Speed:**

**Animal running speeds**

Lion – 80kph

Horse – 65kph

Grizzly bear – 48kph

Chihuahua – 32kph

Hippopotamus – 30kph

Goat – 24kph

Squirrel – 20 kph

Basset hound – 12kph

Hamster – 11kph

Tortoise – 0.35 kph

**Physical Strength (% of body weight)**

**Human times and Speeds to Run 100 Metres**

10 secs – 36.00kph

12 secs – 30kph

14 – 25.7 kph

16 – 22.5 kph

18 – 20 kph

20 – 18 kph

22 – 16.3 kph

24 – 15 kph

26 – 13.8 kph

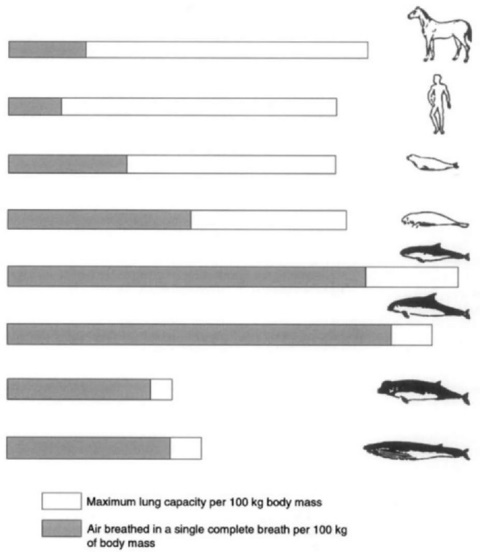
28 – 12.8 kph

30 – 12 kph

32 – 11.25 kph

1 minute – 6 kph

**Breath Hold (calculate a class average)**

Lbs lifted x 100% =   
lbs weight

Family Dog- 40% of body weight

Grizzly Bear- 80% of body weight

Anaconda- 100% of body weight

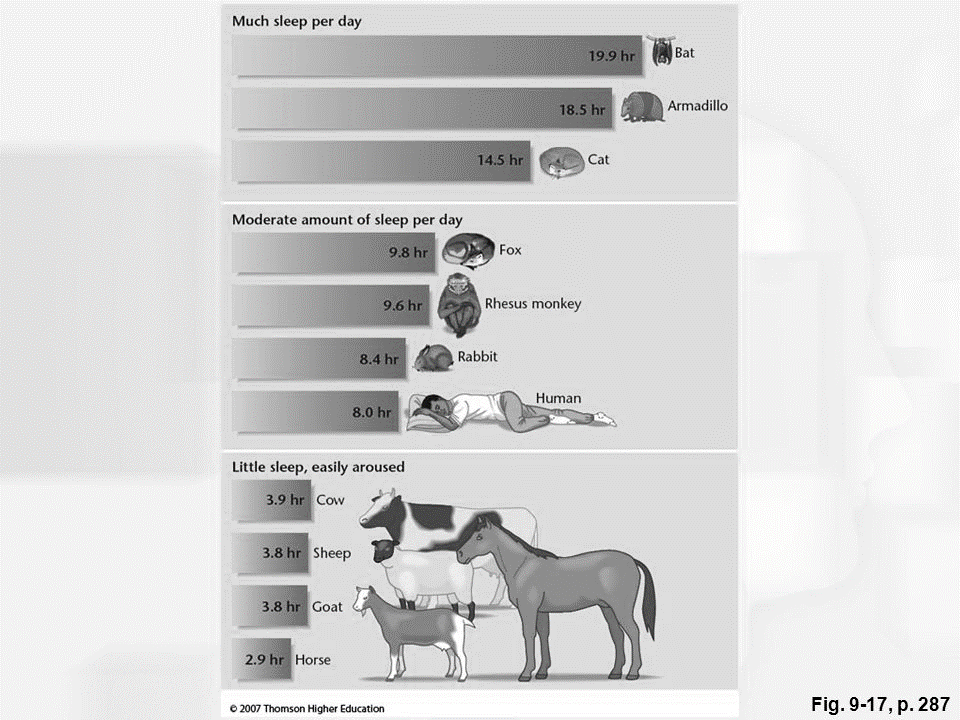
Muskox- 150% of body weight

Tiger- 200% of body weight

Bald Eagle- 400% of body weight

Gorilla- 1000% of body weight

**Sleep per day**



**Standing Jump**

Human- 3.74m (11’4”= 136”)

