



## **HOW DOES BODY SIZE AFFECT HEART RATE?**

With each beat, the heart moves blood through the body. The longer the path through the body, the longer is the time between heartbeats. Study the data table showing the heartbeat rates of different organisms.

<b>HEARTBEAT RATES</b>	
<b>ANIMAL</b>	<b>BEATS/MINUTE</b>
Elephant	25
Mouse	1000
Robin	570
Cow	65
Cat	120
Dog	100
Horse	38
Human	72

1. List the animals according to heartbeat rate from fastest to slowest:
2. Do you think that there is a relationship between body size and heartbeat rate? If so, what do you think that relationship is? If not, explain your reason.