

Name: _____ Date: _____

Clearing Blocked Arteries Measurements Worksheet

1. Record your timing measurements in the table below.

Artery Type	Time for 2 liters of water to flow through artery (in seconds)
Clear artery	
Blocked artery	
Cleared artery #1	
Cleared artery #2	

2. Now rank the arteries starting with the one with the most flow:

1. _____
2. _____
3. _____
4. _____

3. Calculate the volumetric flow rate (amount volume per unit time) of the water through the arteries. Your answer should have units of $\frac{\text{liters}}{\text{second}}$.

4. Did your artery clearing devices work? If so, how well did it work?
If not, why do you think it did not work?

5. How could your design be improved in the future?