

Name: _____ Date: _____

Blood Clots, Polymers and Strokes Worksheet

1. Explain the relationship between a monomer and a polymer.
2. How and why are blood clots formed?
3. List three ways that a blood vessel can be blocked.
4. What is a stroke and why is it harmful?

5. Match the following with their definitions/functions.

embolism	Clot blocking blood flow to the brain.
thrombosis	Tool inserted into a blocked vessel in order to suck out a clot.
ischemic stroke	Device inserted into a blocked vessel in order to pull out a clot.
hemorrhagic stroke	An object that travels through vessels and prevents blood flow.
Merci Retrieval System	Bleeding in the brain.
Penumbra System	An abnormally growing clot that cuts off blood flow.

6. A person has a stroke and then has difficulty speaking.
The stroke likely occurred in the _____.
7. A person has a stroke and then has difficulty writing.
The stroke likely occurred in the _____.
8. A person has a lethal stroke.
The stroke likely occurred in the _____.