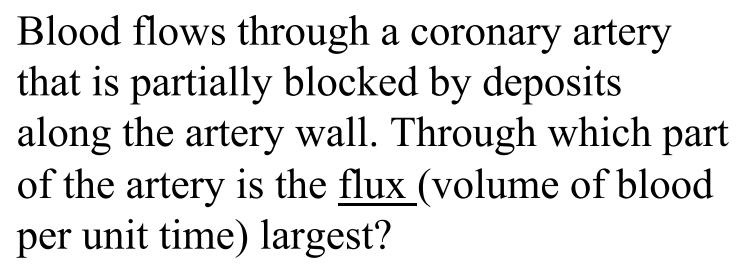


- 1. greater than
- 2. less than
- 3. the same as

A chunk of iron is sitting on a scale. The iron and the scale are then both immersed in a large vat of water. After being immersed in the water, the scale reading will be ______ the scale reading when they were simply sitting in the air. (Assume the scale would read zero if nothing were sitting on it, even when it is under water.)

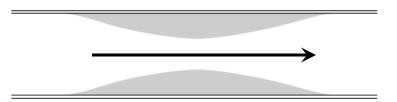


- 1. greater than
- 2. less than
- 3. the same as





- 1. The narrow part
- 2. The wide part
- 3. Same in both



Blood flows through a coronary artery that is partially blocked by deposits along the artery wall. Through which part of the artery is the speed of the blood the largest?



- 1. The narrow part
- 2. The wide part
- 3. Same in both

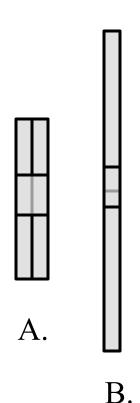




Seeing the implications



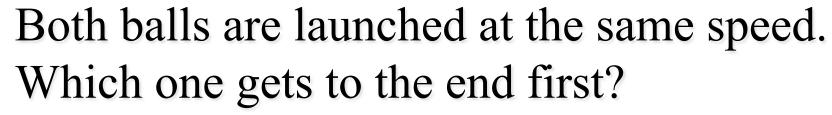
Construct the two combinations of coffee straws as shown in the figure below. Fill your lungs



with air and blow as hard as you can through each one.

Which did you find?

- 1. Arrangement A was faster.
- 2. Arrangement B was faster.
- 3.Both were the same.







- 1. The one on the straight track.
- 2. The one on the dipped track.
- 3. They are the same.