Air Pressure and Tanker Implosion

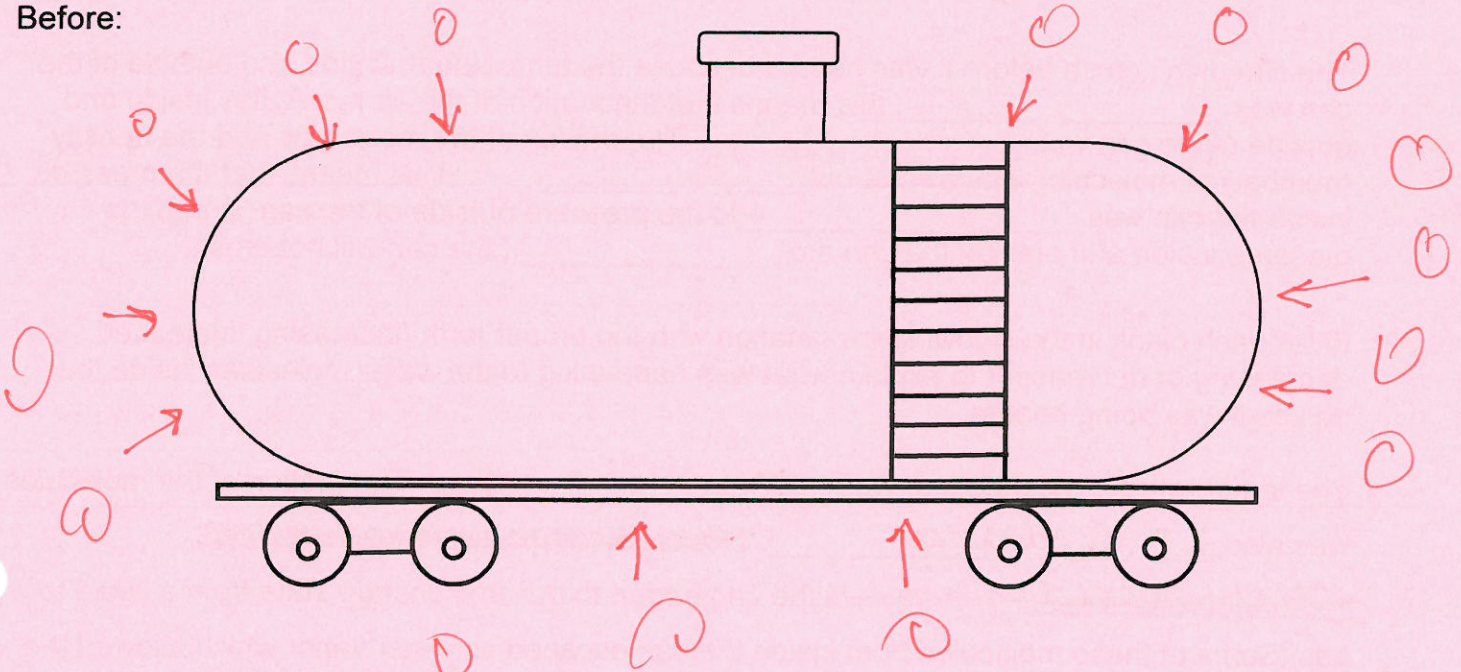
3, 4, 5, 6

Name: _____ Date: _____ Period: _____

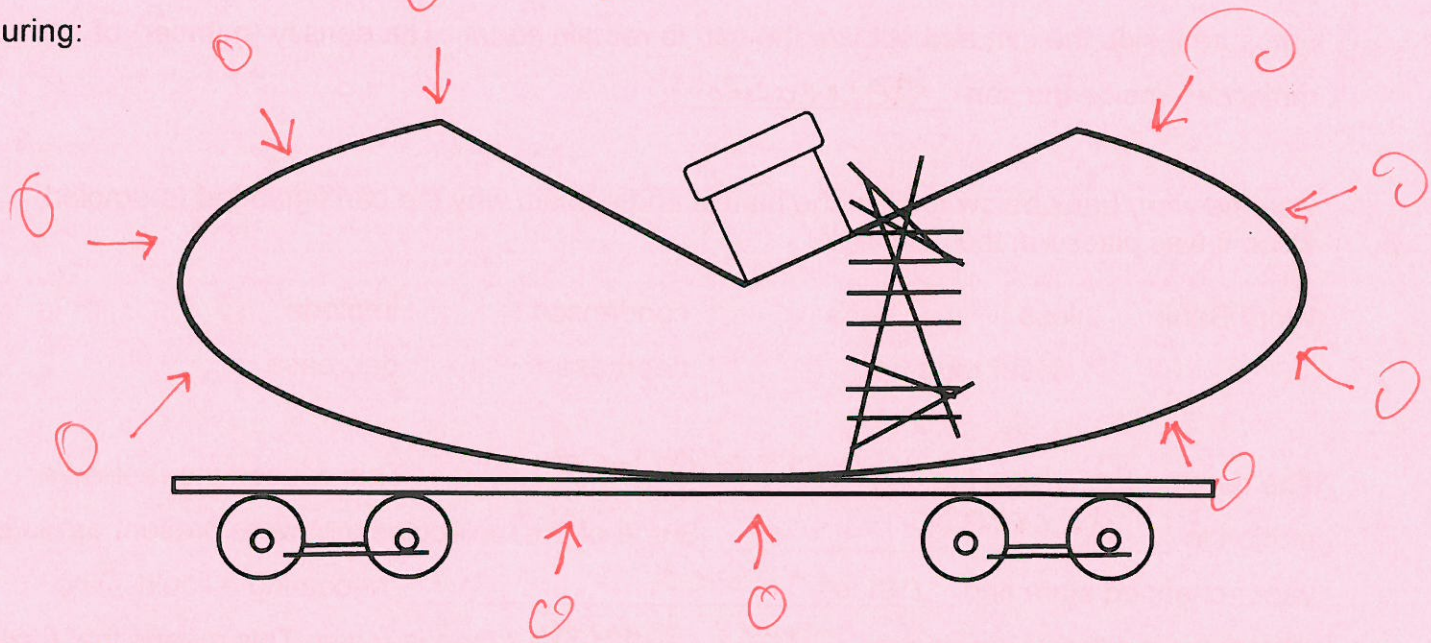
LT: I can model the effect of atmospheric pressure on the tanker car in the Tanker Phenomenon.

Directions: Use arrows to diagram the effect of atmospheric pressure on the tanker car before and during the implosion. Use circles to denote molecules. (Note: The length of the arrows should indicate the relative strength of the pressure. The longer the arrow, the more pressure.)

Before:



During:



How did the atmospheric pressure on the tanker car change from before to during the implosion? (Select the correct answer.)

a. the atmospheric pressure increased
b. the atmospheric pressure decreased
c. the atmospheric pressure remained the same