

Hot Air Balloon Diagram Sheet

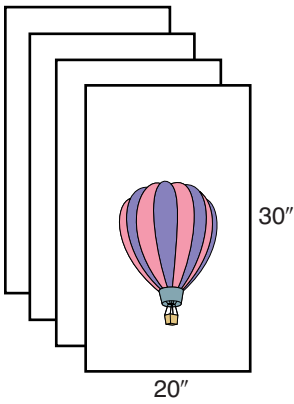


Figure A

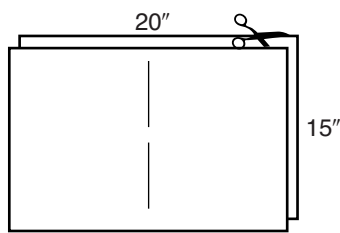


Figure B

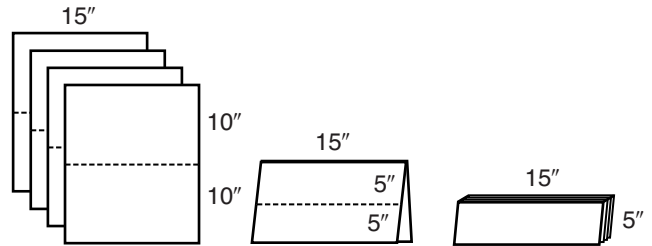


Figure C

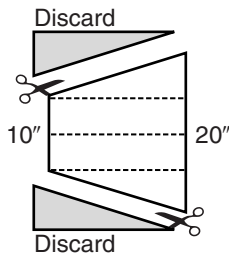
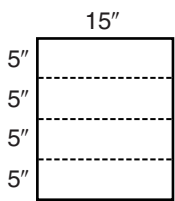


Figure D

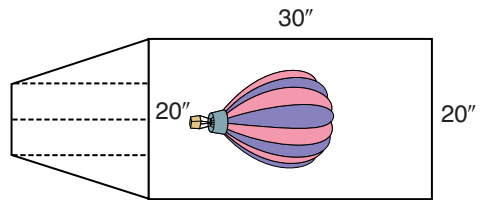


Figure E

Repeat four times.

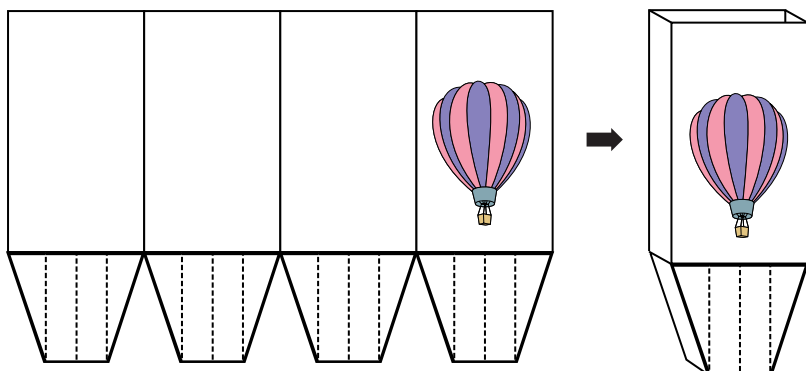


Figure F

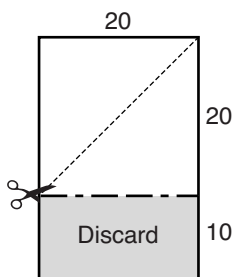


Figure G

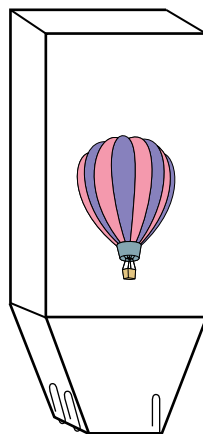


Figure H

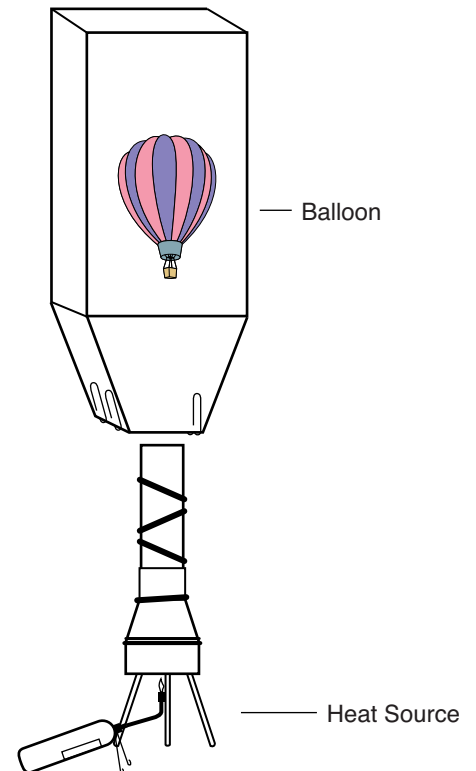
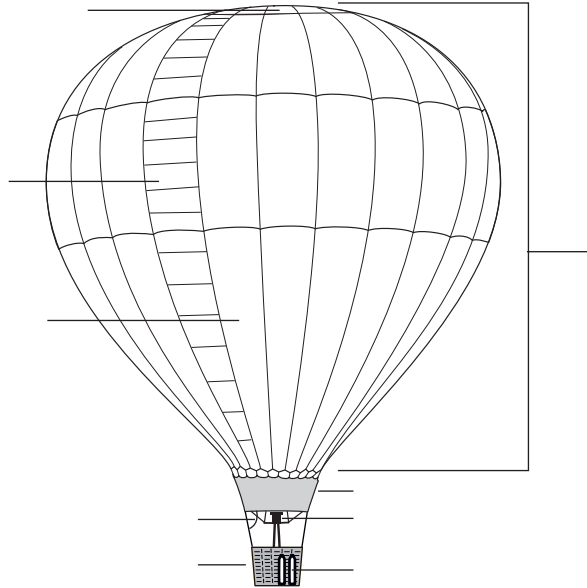


Figure I

Up, Up and Away—Hot Air Balloon Activity Demonstration Worksheet

Discussion Questions

1. Label the diagram below with the following parts: envelope, parachute valve, parachute valve cord, skirt, propane tanks, gores, wicker basket, panels, burners.



2. Why does the air inside the balloon need to be heated for the balloon to rise?

3. It is easier for a balloon to launch if the outside air is cool, rather than hot. Why do you think this is?