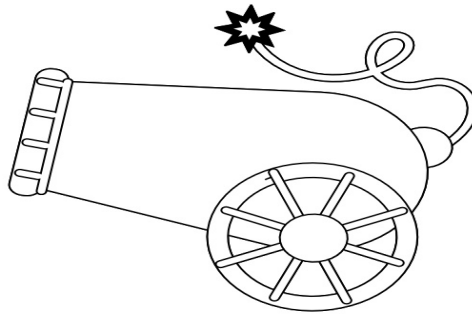


NAME:

DATE:

# PUMPKIN LAUNCHER



Question: Does pulling the launcher back further make the pumpkin fly farther?

Hypothesis: If I pull the spoon back further, the pumpkin will go (circle one):

| PULL DISTANCE | LAUNCH 1     | LAUNCH 2     | Which launch best?      |
|---------------|--------------|--------------|-------------------------|
| Small Pull    | _____ inches | _____ inches | _____<br>_____<br>_____ |
| Big Pull      | _____ inches | _____ inches | _____<br>_____<br>_____ |

What I Learned: Pulling back further gives the launcher more stored (potential) energy, which makes the pumpkin go \_\_\_\_\_.