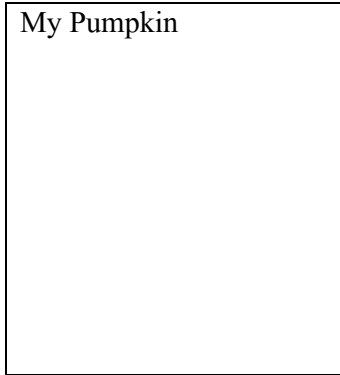


The Pumpkin Caper

Pumpkin's Name _____



draw a picture of your pumpkin

Make predictions about your pumpkin....and then do your research and record the actual data.

	<i>Prediction</i>	<i>Actual</i>
<i>1. How much does your pumpkin weigh?</i>	_____	_____
<i>2. What is the circumference of your pumpkin?</i>	_____	_____
<i>3. How many lines does your Pumpkin have around it?</i>	_____	_____
<i>4. What was the price of your Pumpkin per pound?</i>	_____	_____
<i>5. Will your pumpkin float?</i>	_____	_____
<i>6. How many seeds does your Pumpkin have? (see below)</i>	_____	_____

Use a scale and measuring cup, devise a way to get an approximate count of seeds without counting all of them.

Explain your method: _____

A PATCH OF HYPOTHESES



Choose two hypotheses from below, and prove or disprove using the data you collected.

- 1. The number of lines around a pumpkin is always odd.*
- 2. The larger the pumpkin, the more seeds it will have.*
- 3. The smaller the pumpkin, the more lines it will have around it.*
- 4. All small pumpkins will float.*
- 5. All large pumpkins will sink.*
- 6. Write your own hypothesis.*

The Pumpkin Caper

Collect data on eight different pumpkins:



<i>Number of pumpkin</i>	<i>Mass</i>	<i>Circumference</i>	<i>No. of lines</i>	<i>Price</i>	<i>Float/Sink</i>	<i>No. of seeds</i>
<i>1</i>						
<i>2</i>						
<i>3</i>						
<i>4</i>						
<i>5</i>						
<i>6</i>						
<i>7</i>						
<i>8</i>						

