Name: _____   **Class:** _____

Shot Tracking with Technology

GRADES 6-8

Probabilities of Success

	Self	Partner 1	Partner 2	Partner 3
FT				
2PT				
3PT				

Calculate your frequency of success for the following:

If you attempted 27 - 3PT shots:

If you attempted 93 - 2PT shots:

If you attempted 21 - FT shots:

Based on the graph you constructed with your class data, and your frequency and probability above, make a claim that expresses who would be the highest paid player on your class' team. Support your claim with evidence and reasoning.

STEM sports
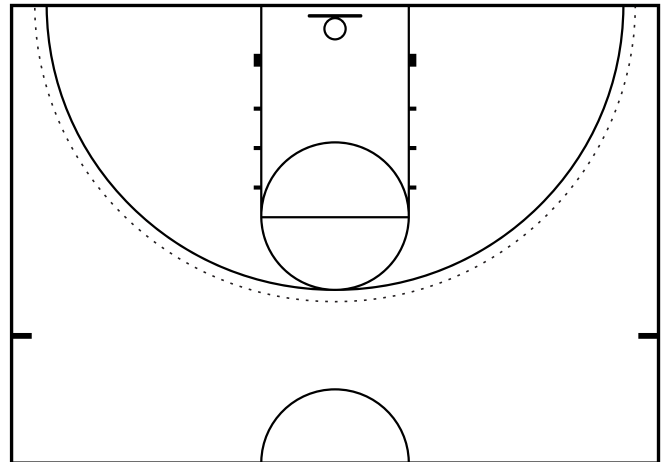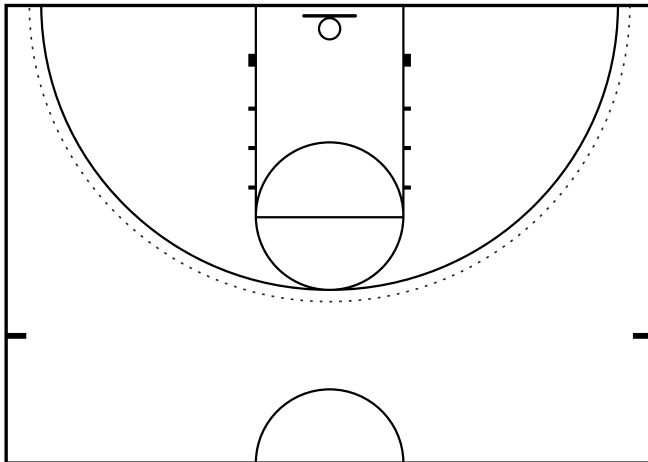science • technology
engineering • math • sports

Name: _____

Class: _____

Shot Tracking (Non-Technology Option)

GRADES 6-8

O - Shots Made

X - Shots Missed

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	TOTAL Made
Free Throws																
Lay-Ups																

Write a mathematical expression that states if your free throw accuracy is greater than or less than your layup accuracy. Justify it with evidence.