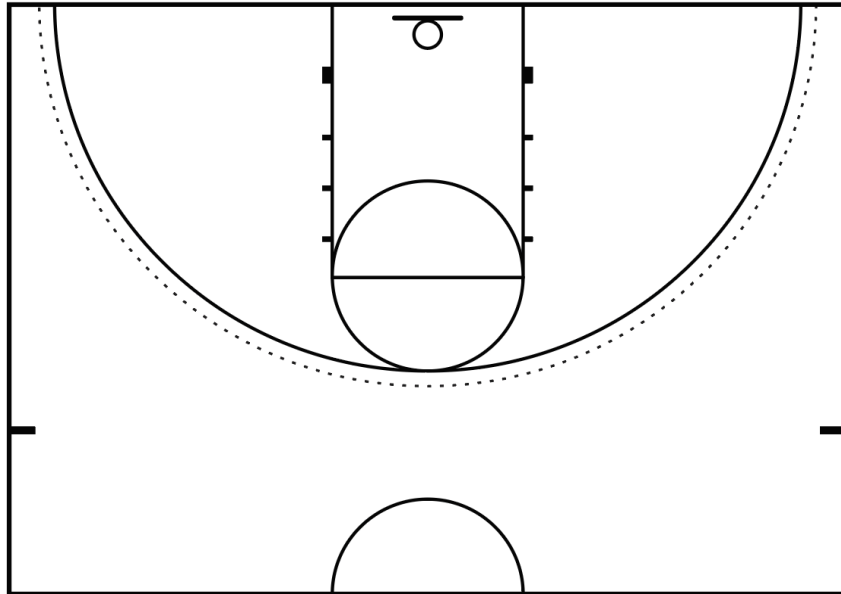


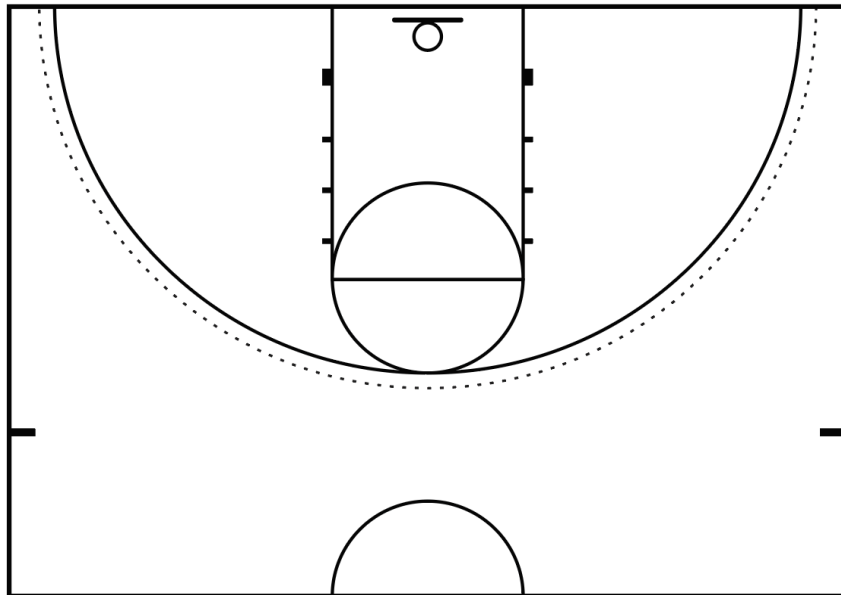
Name:

2.0: Shot Tracking without Technology

O - Shots Made



X - Shots Missed



Name:

	1	2	3	4	5	TOTAL Made
Layups						
Free Throws						

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

Name:

2.0: Shot Tracking with Technology

Explore

Probabilities of Success

	Self	Partner 1	Partner 2	Partner 3
Layups				
FT				

Elaborate

Calculate your frequency of success for the following:

If you attempted 30 - Layups shots: _____

If you attempted 20 - Free Throw shots: _____

Based on your recorded data, and your frequency and probability above, make (write or verbalize) a claim that expresses who would be the highest paid player on your class' team from the above statistical evidence.

Extend

Use math to predict how many shots they would make if they took 100 shots by multiplying their data from *Explore* by 10. Then have students test their prediction by shooting ____ shots.

Teacher note: Determine the number of shots taken to test their prediction based on student ability.