Name: Shooters Name: Date:

Mathsketball

Have a friend shoot free throws for 30 seconds. As they shoot you can record how many shots they make and how many shots they miss in the chart below. Calculate how many total shots they have taken. Repeat this process for one, two and four minute sessions.

	0:30	1:00	2:00	4:00*
Shots Made				
Shots Missed				
Total Shots Taken				

What percentage of shots taken were successful for each time interval above?

0:30 =_____%   1:00 =_____%   2:00 =_____%   4:00* =_____%

Find the average percentage of successful shots using the four time intervals in the chart above. Create a pie chart that represents this data.
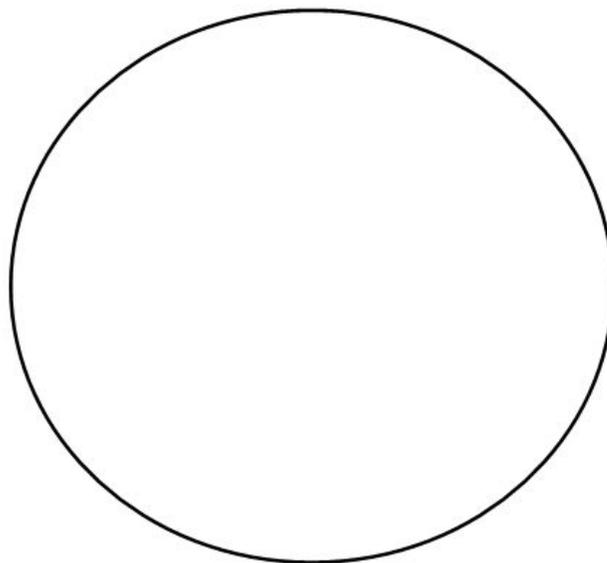
4:00* - four minutes of free throws can be quite tiring – the educator can decide if this interval will be used.
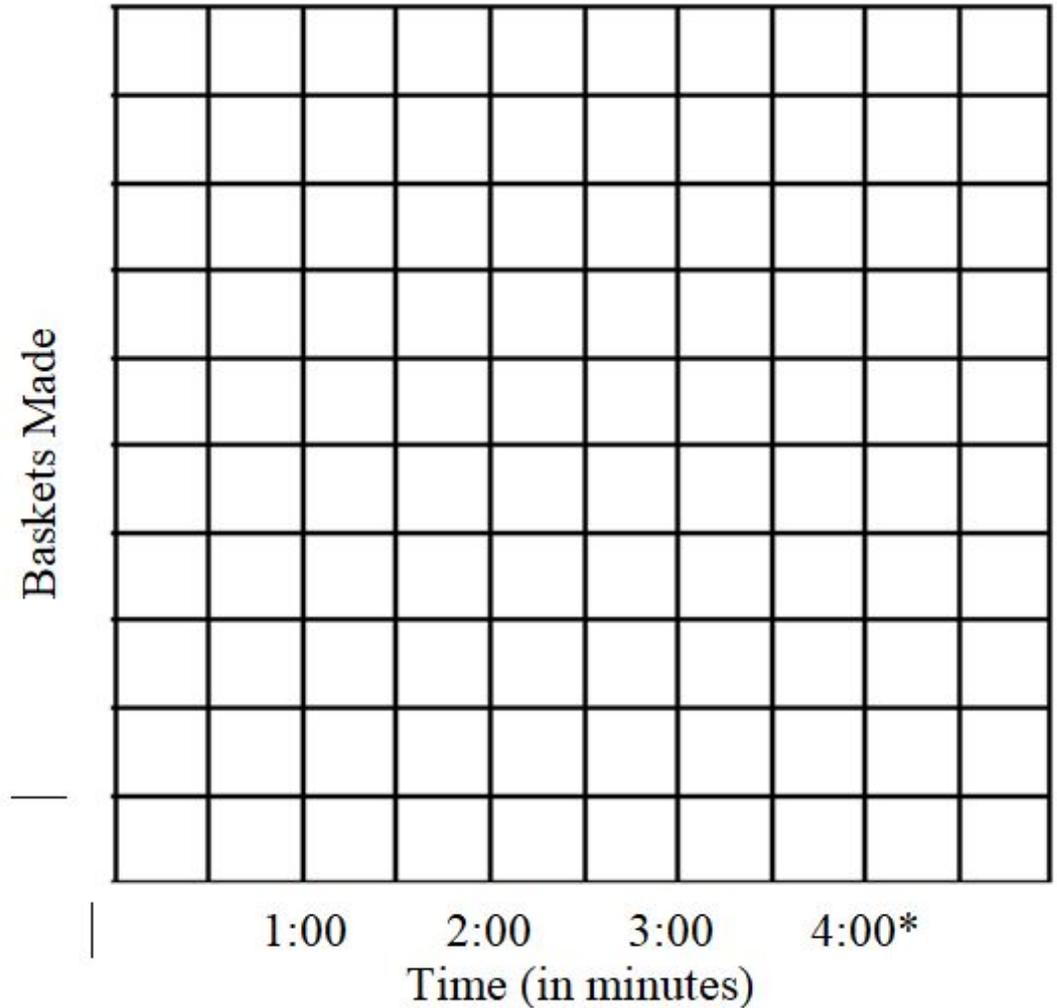
Name: Shooters Name: Date:

<u>Mathsketball</u>

Make a scatter plot that represents the number of baskets made for the given time intervals. Add a "best fit" or trend line to your data.

You may need to have each line represent two, three or even four baskets made..

Baskets Made

1:00   2:00   3:00   4:00*

Time (in minutes)

4:00* - four minutes of free throws can be quite tiring – the educator can decide if this interval will be used.