

PROBLEM SOLVING BY COMPARING RATIOS: "Trashketball"

Name: _____

The Problem: There is an opening for some outstanding basketball players from our group in the next NBA Draft. But, before we send those talented individuals to their first practice, we need to figure out who our best players are.

You and your partner will each be given 10 attempts at the hoop. Record your data in the chart below.

Player's Name	Number of Attempts Allowed	Number of Baskets Made	Ratio Representation
	10		
	10		

The Task: Using this data and equivalent ratios, you need to figure out how many baskets you'd likely make if you were given a different number of attempts. Use the chart below to record your answers. You may use the back of this paper to do your calculations.

Number of Attempts Allowed	Ratio Representation	Number of Baskets You <i>Should</i> Make
20		
50		
100		
5		

Who is the better player, you or your partner? _____

If there is time, you may each shoot 20 baskets to see if your skills are consistent!