








Shape Sorter Golf Exploration Questions

When you have finished playing the game, answer the following questions:

1. If the small yellow hexagon stayed in a circle when you moved it there, what are the three rules that the computer might be using for the circle.
2. If the small yellow hexagon stayed in a circle when you moved it there, what do you think will happen when you move the large red square into the circle. Why?
3. If the small yellow hexagon stayed in a circle when you moved it there, what are some objects that you know will be a waste of time to try to move into the circle.
4. Fill in the table below. The 1st column tells you what version of the game is being played. The 2nd column tells you something the players have already discovered. In the 3rd column, you should list the rules the computer could be using. In the last column, tell me what a smart player would do next.

Game	Known Info	Possible Rules	Smart Move
	The rule for the first circle is BIG	The rule for the second circle is _____	Check if _____ is the right rule
	The rule for the first circle is BIG	The rule for the second circle isn't ____ or ____	
	A big red square worked	The rule might be _____, _____ or _____	Move the _____
	A big red square didn't work		
	A big red square worked and a big blue triangle didn't		
	Both a big red square and a big blue triangle worked.		
	The rule for the first circle is TRIANGLE		