

Rolling Marbles

Five friends built a marble tower. The marble tower had a curved track. The track was designed so that the marbles would move down the track in a circular path. The track ended on the floor. Each friend predicted how he or she thought the marble would move when it rolled off the end of the track onto the floor. This is what they said:

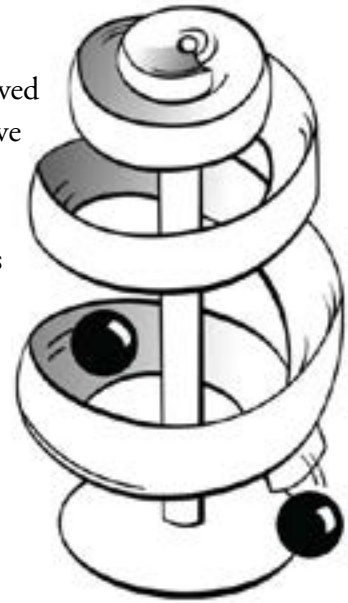
Magda: "I think it will roll in circles."

Soledad: "I think it will curve for a bit and then straighten out."

Allen: "I think it will roll in one big curve."

Keira: "I think it will roll in a straight line."

Rafael: "I think it will zigzag for a little while."



Which friend do you most agree with? _____

Use the picture above to draw the path you think the marble will take when it gets to the end of the track.

Explain your thinking. Why do you think the marble will move that way?
