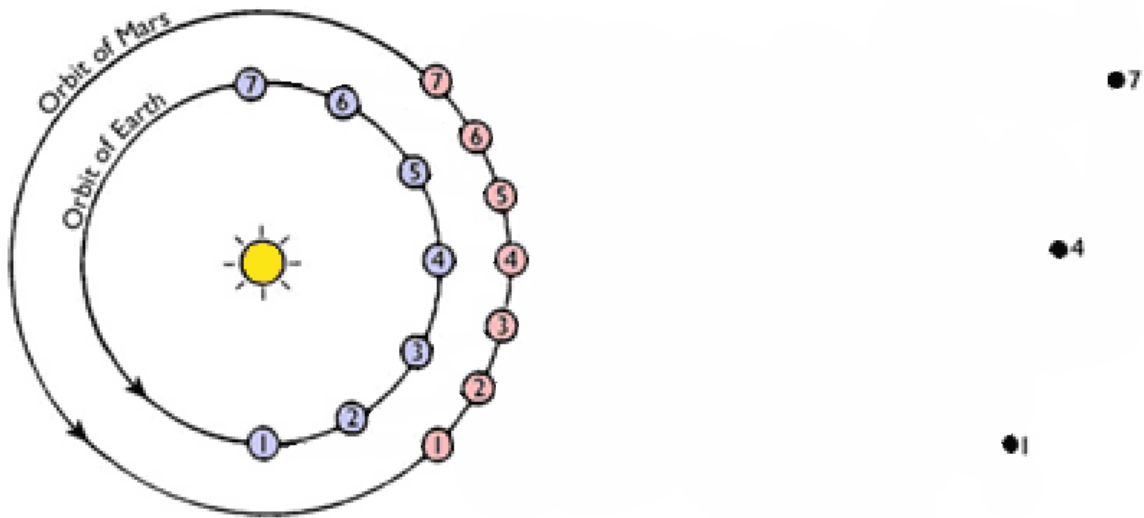


How does retrograde motion work?

Use a ruler to draw straight lines through the numbered circles in Earth's and Mars's orbits. 1, 4, and 7 have end points drawn in for you, but you'll need to make points for 2, 3, 5, and 6. Make sure you label which point is which! When you're done doing this, connect the end points.



1. What do the circles in Earth's and Mars's orbit represent?

2. What do the end points represent?

3. What do you notice about points 4, 5, and 6?

4. What makes points 4 through 6 different than the other points?

5. How does Mars appear to move in the sky when Earth and Mars are positioned like they are in points 4-6?
