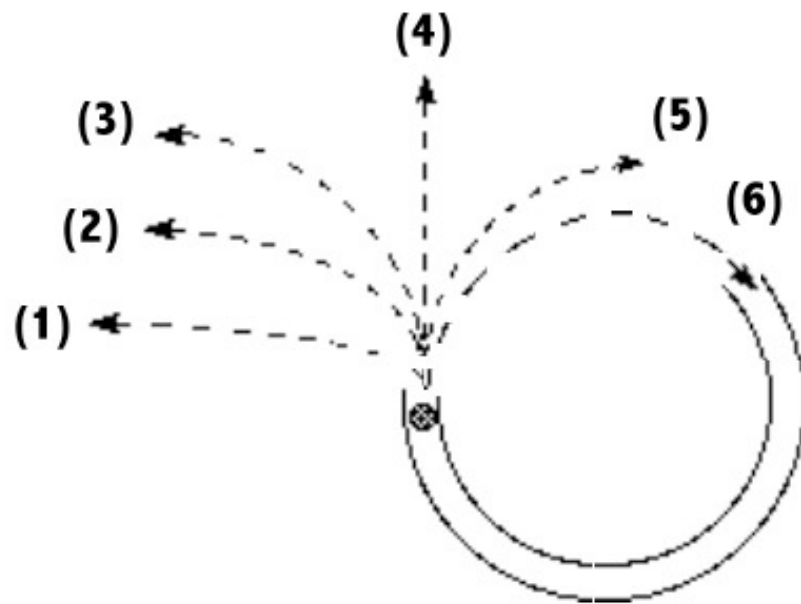


What path will the ball follow?



If an object is moving
in uniform circular motion,
what force does the object feel?



1. No clue.
2. It's a new force – a “centripetal” force pulling inward.
3. It's one or more of our usual forces acting (possibly together) and pulling inward.
4. Since we have a new motion we have a new force: a “centrifugal” force pushing outward.
5. A force in the direction of motion.
6. Something else.