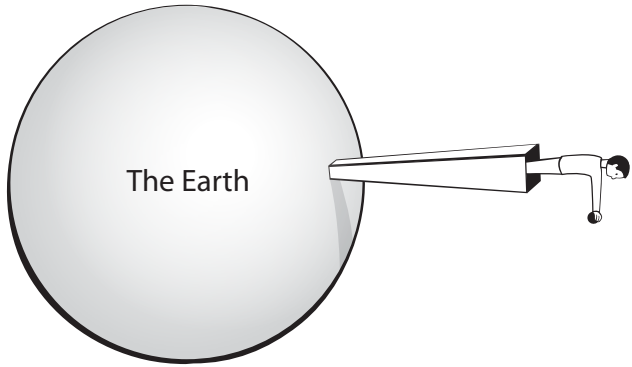


The Tower Drop

Imagine it is possible to build a very tall tower on Earth's equator. The tower is 6 miles high. It is higher than the tallest mountain, higher than planes fly. Now imagine it is possible for a person to stand at the top of this tower and drop a ball.



Circle where you think the ball will go when it is dropped:

- A** The ball will fall to the Earth alongside the tower.
- B** The ball will fall upward into space, away from Earth.
- C** The ball will fall downward into space, away from Earth.
- D** The ball will circle around the Earth.

Draw an arrow from the hand holding the ball to where you think the ball will travel. Your arrow should show the path the ball takes after it is dropped.

Explain your thinking. Why does the ball drop the way your arrow shows?
