Low Earth Orbiting (LEO) Satellite Quiz

Name: _____ Date: _____

1. Why would a satellite dish not work when communicating with a LEO satellite?
    a. The LEO satellite is moving too fast around the Earth to maintain stationary above any point
    b. The LEO satellite is moving too slow around the Earth to maintain stationary above any point
    c. The LEO satellite is farther away than the geostationary ring and the signal is too weak
    d. The LEO satellite is at the same orbit of the geostationary ring

2. What country on this list has not launched a rocket into Low Earth Orbit?
    a. China b. Chile c. Russia d. North Korea

3. What is the biggest advantage of a LEO satellite network over the GEO satellite network?

    _____

4. Some LEO s orbit over the _____ and _____ poles to provide coverage that the geostationary satellites miss.

5. What is the orbit for a LEO satellite?
    a. 100 to 500 miles b. 500 to 1000 miles c. 10 to 50 miles d. 10000 to 50000 miles

6. What is the approximate speed for a LEO satellite?
    a. 100000 mph b. 1000 mph c. 6000 mph d. 17000 mph

7. One example of a LEO matrix has _____ number of orbits.
    a. 8 b. 80 c. 800 d. 8000

8. There are typically _____ than one satellite on a LEO orbit.
    a. Less b. more

9. We have been able to launch an entire LEO network into space in one day.
    a. True b. False

10. Name six countries that have launched machines into LEO.
