**Satellite Revision Questions**

1. What is a satellite?
2. What are the two main types of satellite?
3. what are the functions of satellites?
4. what is a geostationary satellite?
5. what is the orbit of a geostationary satellite?
6. How does the altitude of a satellite affect its orbit?
7. what is a solar furnace?
8. why are curved transmitters and receivers used?
9. what is the advantage of using a larger satellite?
10. A signal is sent from station A to the satellite and is then received at station C. The height of the satellite is 3000m above earth. If the waves are travelling at 3x108ms-1, how long will it take for the signal to be received at C?
11. A signal is sent from station A to the satellite and is then received at station C. The height of the satellite is 35km above earth. If the waves are travelling at 3x108ms-1, how long will it take for the signal to be received at C?
12. A signal is sent from station A to the satellite and is then received at station C. The height of the satellite is 3000m above earth. If it takes 3500 seconds to reach station C, what speed are the waves travelling at?

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