Physics 11 - Practice Questions

Unit: 7.1 Waves

1. What speed is the period of a wave that has a frequency of 25 Hz?
2. When a salmon fishing boat captain describes waves as being 8 m high, what is the approximate amplitude of these waves?
3. What is the frequency of the hour hand on a clock?
4. A student measures the speed of water waves in her tank to be 25 cm/s. If the wavelength is 2.5 cm, what is the frequency of the waves?
5. While fishing, a girl notices the wave crests passing her bob once every 6 s. she thinks the distance between crests is about 12m. What is the speed of the water waves?