- 7. A spacecraft is travelling at a speed of 0.20c relative to the Earth. The spacecraft emits a signal for 20.0 s as measured in the frame of reference of the
 - spacecraft.
 - An observer on Earth measures the duration of the signal as
 - - 19.2 s
 - 19.6 s

20.4 s 20.8 s.

- 20.0 s