



Waves / Set 2 / Animation 1

Name \_\_\_\_\_ Class \_\_\_\_\_

<Show all work on calculations. Include proper units. Explanations require complete sentences.>

1) What is the average distance between wave crests?

\_\_\_\_\_m

2) What is the average wavelength?

\_\_\_\_\_m

3) How long does it take for five wave crests to pass a fixed point?

\_\_\_\_\_s

4) How long does it take for one complete wave to pass a fixed point on average?

\_\_\_\_\_s

5) What is the period of the waves?

\_\_\_\_\_s

6) How many complete waves pass a fixed point in one second?

\_\_\_\_\_

7) What is the frequency of the wave?

\_\_\_\_\_Hz

8) What is the speed of the wave?

\_\_\_\_\_m/s

