4 Waves

4.2 Travelling waves

Name: ……………………………….
Date: ……………………………….

Wave terminology

1 On the above graph, label a crest.
2 On the above graph, label a trough.
3 On the above graph, label the amplitude with an “A”.
4 On the above graph, label the period with a “T”.
5 Explain how to calculate the wavelength if the speed of the above wave is known.
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6 On the above graph, label all of the places where the wave has a maximum speed.
7 On the above graph, label all of the places where the wave has a maximum acceleration.
8 On the above graph, label a point on the wave that is in phase with the point (4, 0).
9 The above graph shows a transverse wave – true or false?
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