WAVES

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Q:

1) For the wave on the string $y(x, t) = 0.06 \sin(\frac{2\pi x}{3}) \cos(120\pi t)$, do all the points on the string oscillate with the same (a)frequency , (b)phase , (c)amplitude ? Explain your answers.

2) What is the amplitude of a point 0.375m away from one end?