

During this interactive you are going to investigate how Simple Harmonic Motion is related to periodic graphs.

1. Open the shortcut **IL Oscill 1** on one of the lab stations. Follow the instructions in this section. Record your final solution at the bottom of this section. **Show all work and equations including substitution with units that you use to find your final solution.**

Solution	A=	T=
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Explain your solution

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2. Open the shortcut **IL Oscill 2** on one of the lab stations. Follow the instructions in this section. Record your final solution with units at the bottom of this section. **Show all work and equations including substitution with units that you use to find your final solution.**

Solution	A=	m=
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Explain your solution

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3. Open the shortcut **IL Oscill 3** on one of the lab stations. Follow the instructions in this section. Record your final solution at the bottom of this section. **Show all work and equations including substitution with units that you use to find your final solution.**

Solution	L=
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Explain your solution

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