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### Task #1

You hang 0.45 kg off of the end of a 1.5-m long string. Calculate the **frequency** of the pendulum.

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### Task #2

A pendulum swings back and forth 20 times in 30 seconds. What is the length of the pendulum?

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### Task #3

A 0.7-meter long pendulum is taken to the moon, where it has a period of 4.2 seconds. What is the acceleration of gravity on the moon?

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