Physics 11	OKM
Name:	Date: Block:
	Block:
	Worksheet Hooke's Law (1)
1. When a 5.00 kg mass is force constant of the spi	hung on the end of a certain spring, it stretches 0.260 m. What is the ring (in N/m)?
Given Information:	Equations Used
	Answer:
	ant 45 N/m is used to pull a block along a level surface at constant served to stretch 12.0 cm while supplying this force. How much force is
	$F = \underline{\hspace{1cm}}$ girl compress the spring in a pogo stick when she stands on it? You are notant is 78 N/cm.
	x =
4. How much force must b	be applied to a spring ($k = 1400 \text{ N/m}$) in order to extend it by 0.10 m?
	F =