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wavelength the distance between two adjacent similar points of a wave, such as from crest to crest or from trough to trough (p. 384)

weight a measure of the gravitational force exerted on an object; its value can change with the location of the object in the universe (p. 135)

work the product of the component of a force along the direction of displacement and the magnitude of the displacement (p. 160)

work function the minimum energy needed to remove an electron from a metal atom (p. 757)

work-kinetic energy theorem the net work done by all the forces acting on an object is equal to the change in the object's kinetic energy (p. 166)