

National Gallery Audio Guide

Lei Huang

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web practice page work and energy 1 how much work energy is needed to lift an object that weighs 200 n to a height of 4 m 800 j 2 how much power is needed to lift the 200 n object to a height of 4 m in 4 s 200 w 3 what is the power output of an engine that does $60\ 000\ \text{j}$ of work in $10\ \text{s}$ 6 kw 4 the block of ice weighs $500\ \text{newtons}$ a

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web mar 4 2013 the distance between the balls decreases the wavelength decreases just as the distance between the balls in question 5 decreases 30 m 30 cm 1 m s

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web our intuitive definition of force that is a push or a pull is a good place to start we know that a push or pull has both magnitude and direction therefore it is a vector quantity and can vary considerably in each regard for example a cannon exerts a strong force on a cannonball that is launched into the air

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web jan 14 2013 class date momentum 1 a moving car has momentum if it moves twice as fast its momentum is twice as much 2 two cars one twice as heavy as the other move down a hill at the same speed compared to the lighter car the momentum of the heavier car is twice as much 3 the recoil momentum of a cannon that kicks is