

8. What work is done when a person pushes a refrigerator weighing 720 N across a floor 12 m? (The force of friction between the refrigerator and the floor is 480 N.)
9. A sailor pulls a boat along a dock using a rope at an angle of 60.0° with the horizontal. How much work does the sailor do if he exerts a force of 255 N on the rope and pulls the boat 3.00 m? A girl pulls a wagon along a level path for a distance of 44 m. The handle of the wagon makes an angle of 22° above horizontal. If she pulls on the handle with a force of 87 N, how much work is done?
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