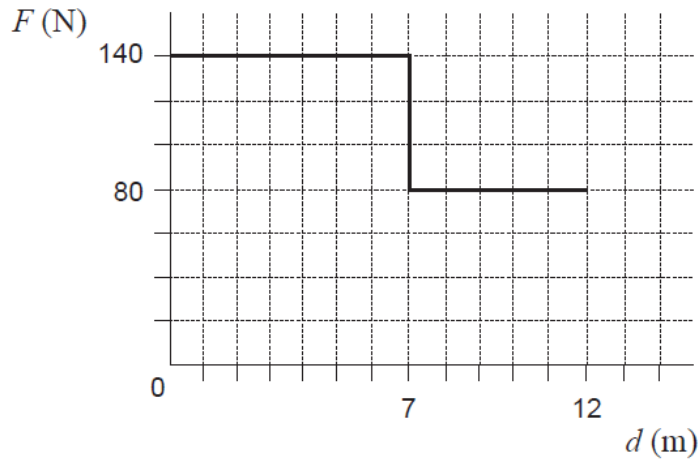


Physics 12 Review #22

Starting from rest, a farmer pushed a cart 12 m. The graph shows the force F which he applied, plotted against the distance d .



- a) How much work did the farmer do moving the cart 12 m? **(3 marks)**

After the farmer had pushed the 240 kg cart 12 m, it was moving with a velocity of 2.2 m/s. What was the cart's kinetic energy? **(2 marks)**