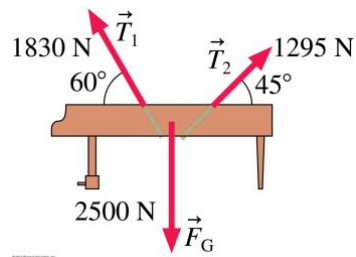(Knight 4th Edition Problem 9.18)
The two ropes seen in the figure below are used to lower a 255 kg piano 5.00 m from a second-story window to the ground. How much work is done by each of the three forces?

Answer: ($\vec{F}_G = 1.25 \times 10^4$ J, $\vec{T}_1 = -7.92 \times 10^3$ J, $\vec{T}_2 = -4.58 \times 10^3$ J)