Answer Key

- 1) -2.2*10^-9 m/s^2 (towards the 8kg mass)
- 2) T1 = 270 N (left), T2 = 303 N (right), theta = 40 degrees
- 3) Fx = 160 N, Fy = 213 N
- 4) 1.38*10^7 m
- 5) (a) W = 140 N
 - (b) 6 cm to the right