5. . In the figure, a block is suspended from two ropes, so that it hangs motionless in the air. If the magnitude of ***T2*** is 10.0 N, what is the magnitude of ***T1*** ? Note that sin 30 = cos 60 = 0.500, and sin 60 = cos 30 = 0.866.  (A) 0.433 N (B) 0.500 N (C) 0.866 N (D) 10.0 N (E) 17.3 N