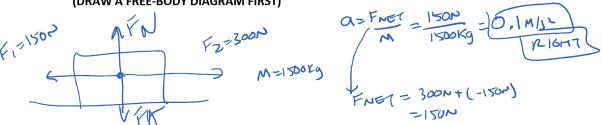
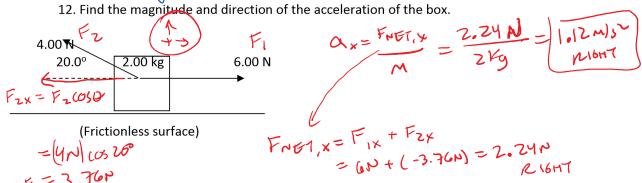
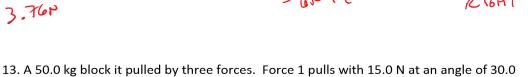
11. A 1500 kg car is pulled to the left with a force of 150. N and to the right with a force of 300. N to the right. Calculate the magnitude and direction of the acceleration of the car? (DRAW A FREE-BODY DIAGRAM FIRST)



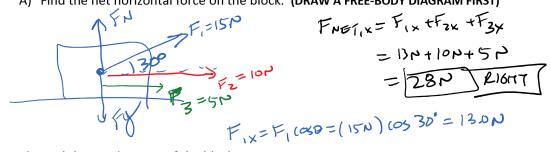




degrees to the right, Force 2 pulls with a 10.0 N force directly to the right, and Force 3

A) Find the net horizontal force on the block. (DRAW A FREE-BODY DIAGRAM FIRST)

pulls with a force of 5.00 N directly to the right.



B) Find the acceleration of the block.

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