Friction Practice #2 Honors Physics

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$F_{1} = 43 \text{ N}$ Block Block One force, F_1, is applied to a 8.0 kg block on a horizontal surface where there is friction. The block is speeding up at a rate of 2.50 m/s ² . Determine all of the values below. weight = Normal force= $a = \ \Sigma F_{x} = \ Frictional force = \ \mu = \$	Block $\mu = 0.70$ A 3.5 kg block is initially sliding to the left with a velocity of 2.0 m/s on a frictionless surface when it hits a patch of asphalt where the coefficient of friction is 0.70. Determine all of the values below. weight = Normal force= Frictional force = $\Sigma F_x = a = $
F ₁ Block One force, $F_1= 25$ N, is applied to a 4.8 kg block on a horizontal surface where there is friction. The block is being dragged along at a constant velocity of 2.0 m/s. What is the coefficient of friction?	Block F_1 One force, $F_1 = 35$ N, is applied to a 6.3 kg block on a horizontal surface where the coefficient of friction is 0.25. Determine the acceleration of the block.
F_1 Block One force, $F_1 = 5$ N, is applied to a 0.8 kg block on a horizontal surface where there is friction. The block is being dragged along at a constant velocity of 2.8 m/s. What is the coefficient of friction?	Block F_1 One force, $F_1 = 27$ N, is applied to a 4.1 kg block on a horizontal surface where the coefficient of friction is 0.3. Determine the acceleration of the block.