$F$ pushes the two blocks on a horizontal rough surface. Assume $m_1 = m_2 = 1$ kg. $F = 20$ N.

Would the blocks move for $\mu_s = 0.6$ and $\mu_k = 0.4$?

A) No, they would not.

B) Yes, they would.
Hint: $f_s^{max} = \mu_s N$. $F - f_k = ma$.

$$f_s^{max} = \mu_s N = \mu_s (2mg) = (0.6)(2)(1\text{kg})(10\text{m/s}^2) = 12\text{N}.$$  

The force pushing to the right, $F = 20\text{N}$, is stronger than $f_s^{max}$, so the blocks move to the right.

Answer B.

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