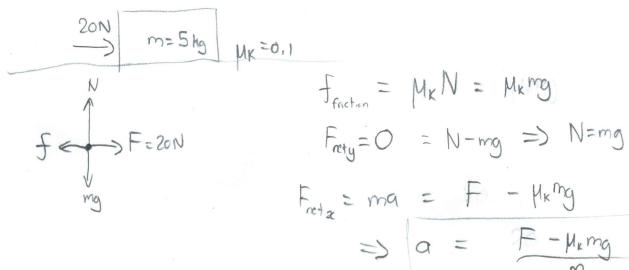
FORCES

Find a of the black.



- FBD dot - Newton 2nd Law Assumptions

Find F so that the 2kg black does not slide on top of 5kg.

$$\frac{M}{f_s} \xrightarrow{N_m} F$$

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$$\frac{M}{f_s} \xrightarrow{M_s} f_s$$

$$\frac{M}{f_s} \xrightarrow{M_s} f_s$$

$$ma = f_s$$

$$ma = F - f_s$$

$$ma = F -$$

Or
$$M_{tm}$$
 M_{tm} M_{tm}