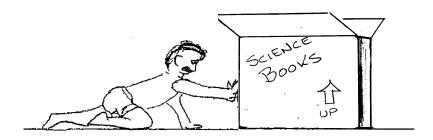
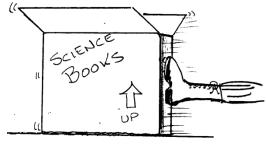
Pushing a Box against Static Friction

Scenario: A child tries and tries to push a box of science books, but the box doesn't budge. Then his father comes along and gives the box a good shove with his boot to get it moving.

- 1. In **black** ink, draw all of the forces acting on the box in each instance.
- 2. In **red** ink, draw the change of motion of the box in each instance.







Courtesy of Hector Mireles

	stions What forces are acting on the box in each instance?
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2	Does the box experience a change in motion in either instance?
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3	Who puts more force on the box: the baby or the father?
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4	What is the net force in each instance?
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