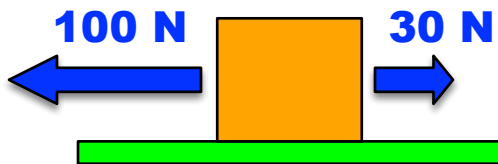


Object was at rest.

$$F_{\text{net}} \neq 0$$

**Object speeds up
in the direction
of the Net Force.**

Example



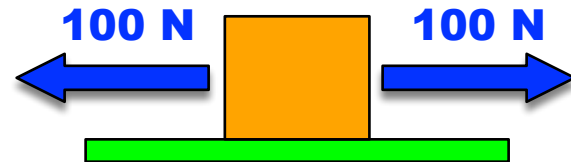
(box was at rest)

Box speeds up to the left.

$$F_{\text{net}} = 0$$

**Object remains
at rest.**

Example



(box was at rest)

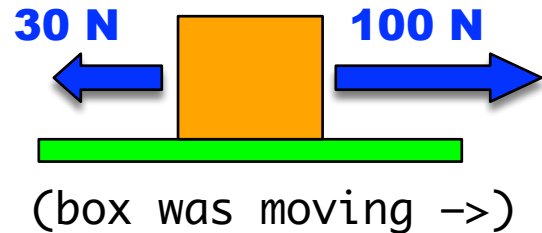
Box remains at rest.

Object was moving.

**F_{net} with
the motion**

**Object
speeds up.**

Example

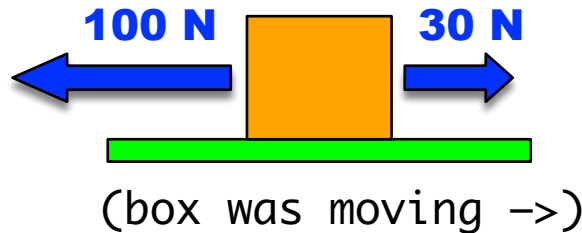


Box speeds up.

**F_{net} against
the motion**

**Object slows
down.**

Example

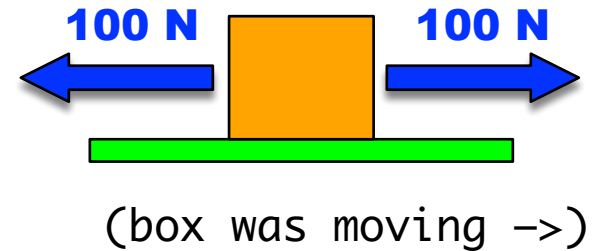


Box slows down.

$F_{\text{net}} = 0$

**Object maintains
constant speed.**

Example



Box maintains
constant speed.