

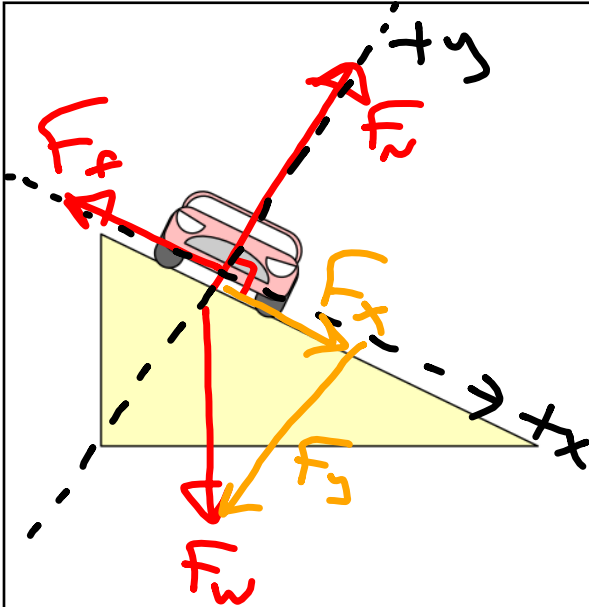
When you tilt a surface more and more, objects will eventually slide down. What force causes objects to slide downhill like that? Which way does that force always point?

*down*

In each case, draw an arrow representing that force on the picture.

What do you notice about the direction of the arrow you drew compared to the line of the surface itself, as the surface is tilted more and more?





The car is parked on a hill. It is at rest and remain at rest.

- Does the car have Weight? How do you know?

yes

- Does the car get a Normal Force? How do you know?

yes

- Does the car get Friction? How do you know?

yes

On the picture, draw arrows representing the force that you think are acting.