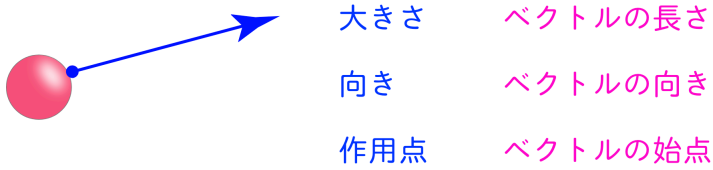


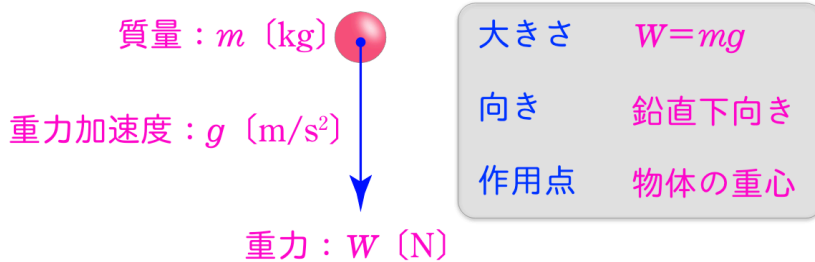
☆いろいろな力

※力の3要素

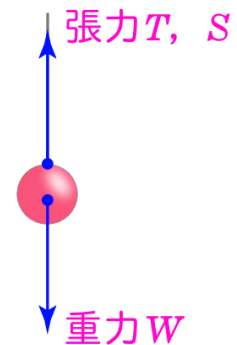


$$F=5.0 \text{ [N]}$$

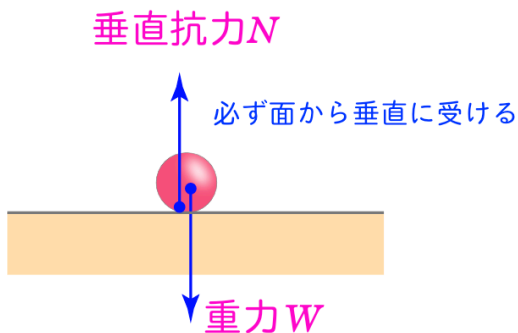
①重力



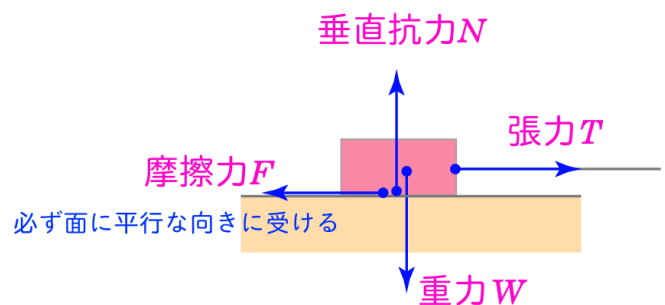
②糸が引く力 (張力)



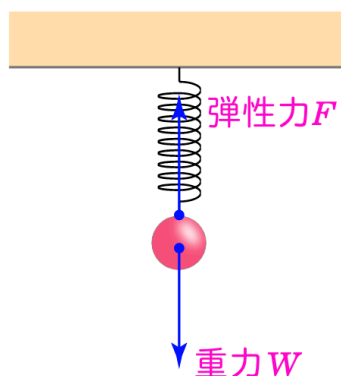
③垂直抗力



④摩擦力



⑤弾性力



フックの法則

$$F=kx$$

k : ばね定数 (N/m)

→ばねが1m伸びたときの弾性力
(ばねを1m伸ばすのに必要な力)

x : ばねの伸びor縮み (m)