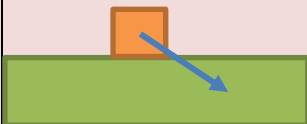


Problem Type: SINGLE ITEM

1. No friction, block sliding to right



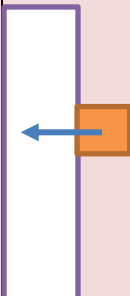
2. box pushed or pulled at an angle with friction



3. Box accelerated up or down with tension (elevator)



4. Box held in place with horizontal force. With friction.



Other variations...

Related problems from other pages

Anticipated mistakes:

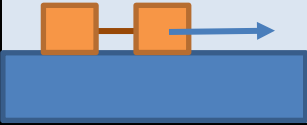
General strategy

Other notes:

Book Example

Problem Type: Multi-Block

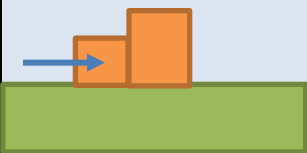
1. No friction, pulled to right



2. Pulled up



3. pushing blocks no friction



4. Friction, pulled to right



Other variations...

Related problems from other pages

Anticipated mistakes:

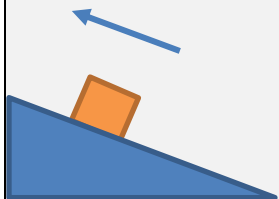
General strategy

Other notes:

Book Example

Problem Type: Ramp Block

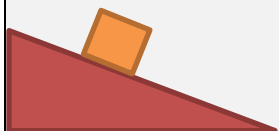
1. No friction, block initially sliding up ramp



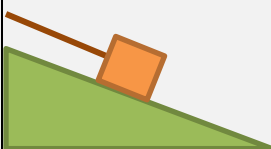
2. Friction, sliding down ramp



3. Friction prevents sliding



4. friction and tension prevent block from moving



Other variations...

Related problems from other pages

Anticipated mistakes:

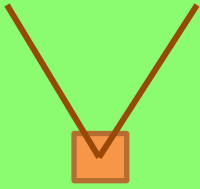
General strategy

Other notes:

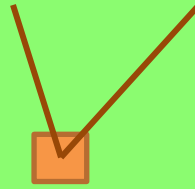
Book Example

Problem Type: Angled Tension

1. symmetric setup two ropes



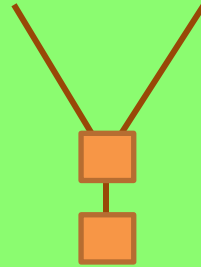
2. non symmetric setup two ropes



3. hanging block accelerated to the right



4. Hanging with several strings



Other variations...

Related problems from other pages

Anticipated mistakes:

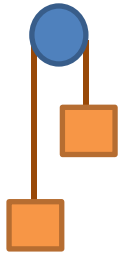
General strategy

Other notes:

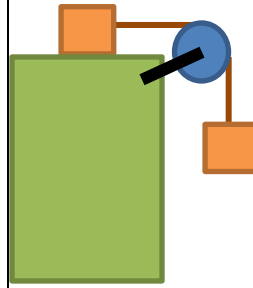
Book problems

Problem Type: Atwood

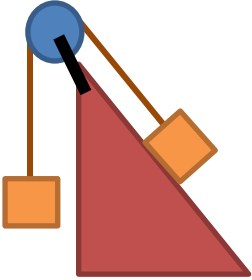
1. simple



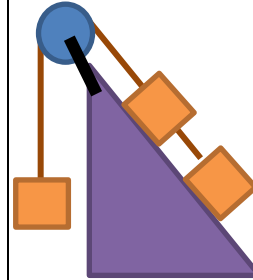
2. horizontal



3. angled atwood



4. angled atwood with friction



Other variations...

Related problems from other pages

Anticipated mistakes:

General strategy

Other notes:

Book problems

