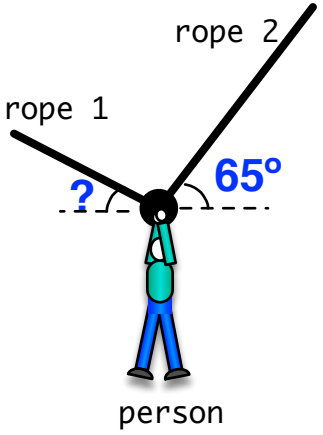
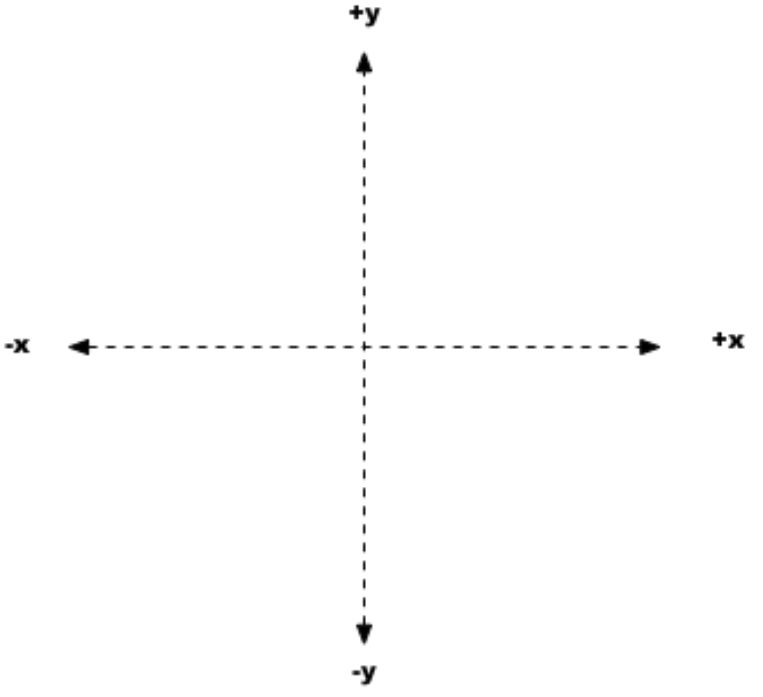
Cycle 7 Components Assessment Review

W3: 2 Angle Probs A



The person is at rest and staying at rest, and not touching the ground.

The tension in rope 2 is 850 N.
The weight of the person is 800 N
Solve for the tension in rope 1 and the angle.

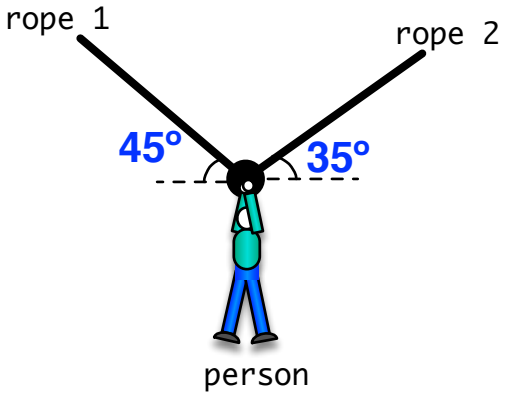


Fnet in the x

- ☐ gaining speed.
- ☐ constant speed.
- ☐ losing speed.

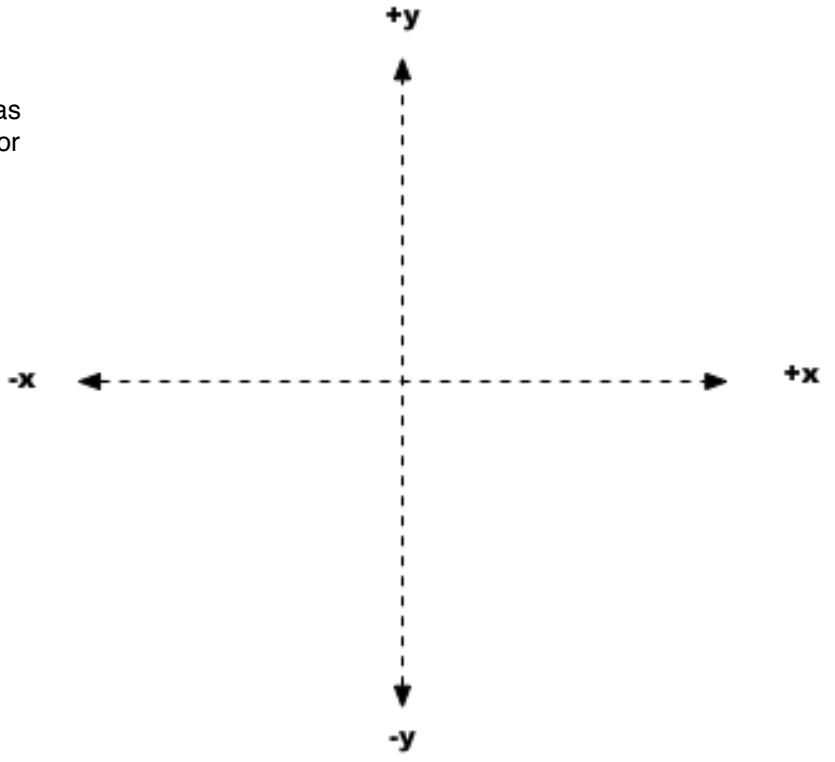
Fnet in the y

- ☐ gaining speed.
- ☐ constant speed.
- ☐ losing speed.



The person starts at rest and is not touching the ground.

The tension in rope 1 is 800 N. The tension in rope 2 is 700 N. The person weighs 900 N, was at rest and is not touching the ground. Solve for the Net Forces.



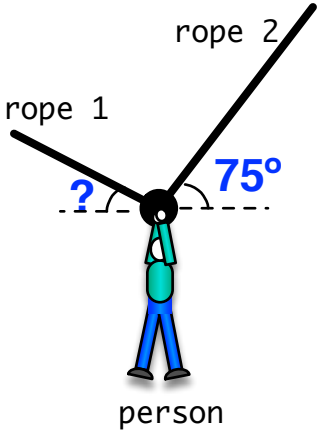
Fnet in the x	Fnet in the y

☐ gaining speed.
☐ constant speed.
☐ losing speed.

☐ gaining speed.
☐ constant speed.
☐ losing speed.

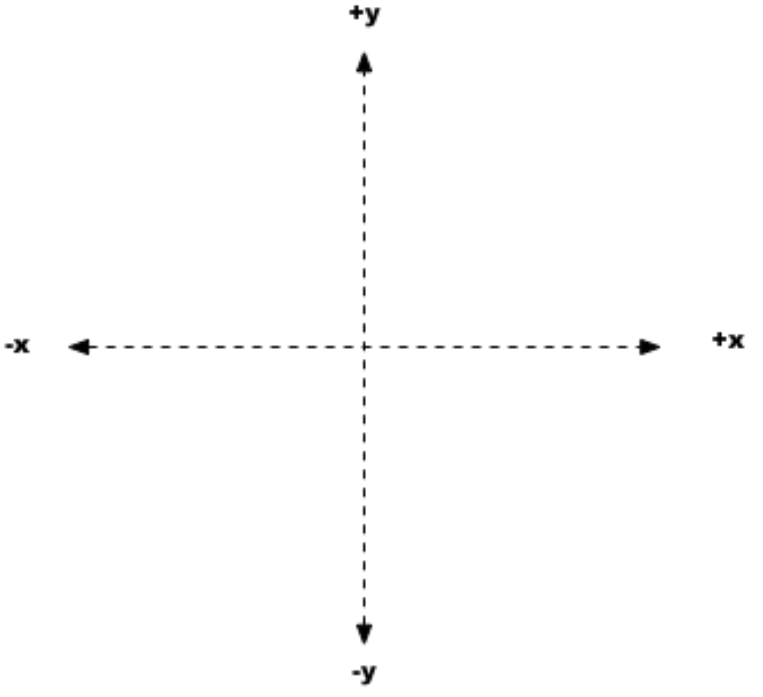
Cycle 7 Components Assessment Review

W3: 2 Angle Probs B



The person is at rest and staying at rest, and not touching the ground.

The tension in rope 2 is 950 N.
The weight of the person is 1200 N
Solve for the tension in rope 1 and the angle.

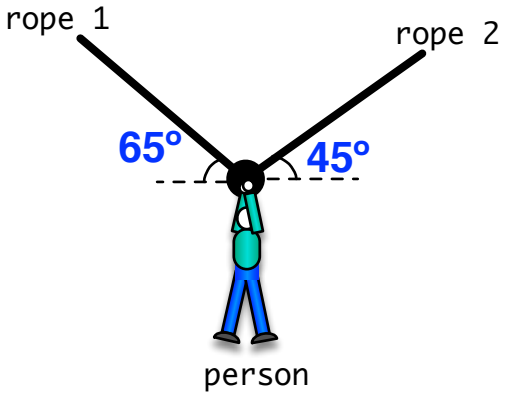


Fnet in the x

- ☐ gaining speed.
- ☐ constant speed.
- ☐ losing speed.

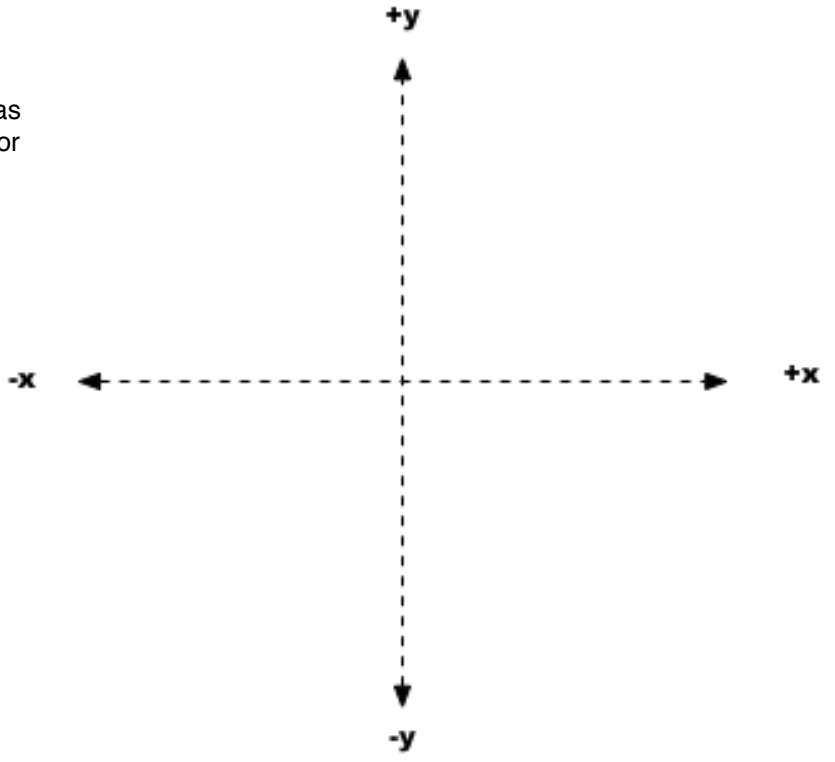
Fnet in the y

- ☐ gaining speed.
- ☐ constant speed.
- ☐ losing speed.



The person starts at rest and is not touching the ground.

The tension in rope 1 is 700 N. The tension in rope 2 is 800 N. The person weighs 900 N, was at rest and is not touching the ground. Solve for the Net Forces.



Fnet in the x	Fnet in the y

☐ gaining speed.
☐ constant speed.
☐ losing speed.

☐ gaining speed.
☐ constant speed.
☐ losing speed.