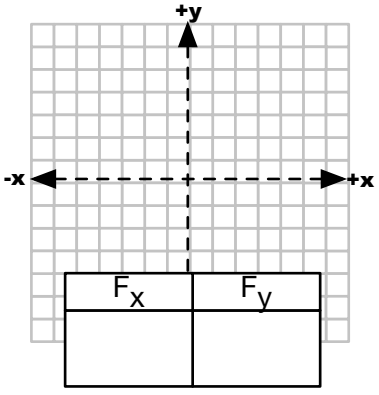
Cycle 6 Components

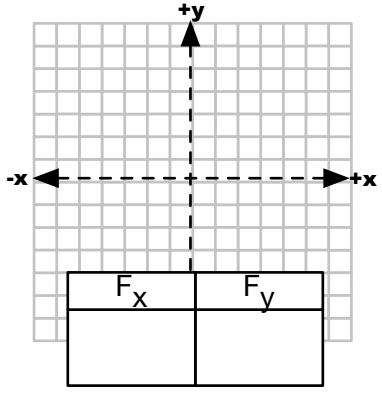
Components as Projections



Draw an arrow for a force that has a large positive x-component and a small positive y-component.

a) Determine its components.

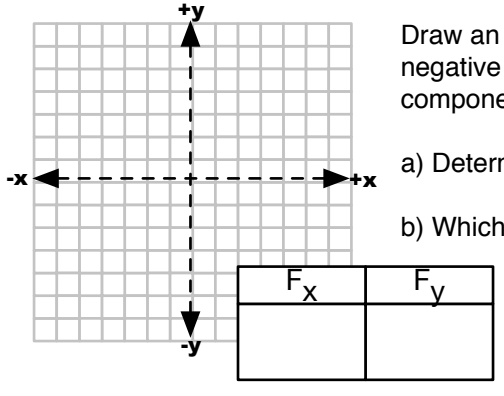
b) What kinds of angles can this force have?



Draw an arrow for a force that has equal x and y components, but the x component is negative and the y component is positive.

a) Determine its components.

b) What Quadrant will this force be in?



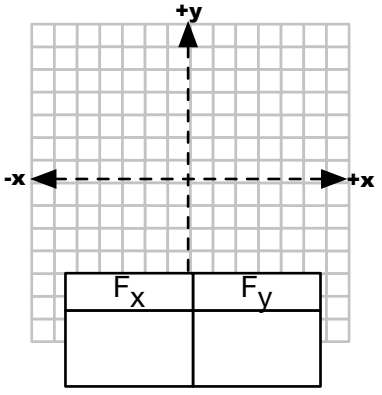
Draw an arrow for a force that has a negative y component but a zero x component.

a) Determine its components.

b) Which way does it point?

Cycle 6 Components

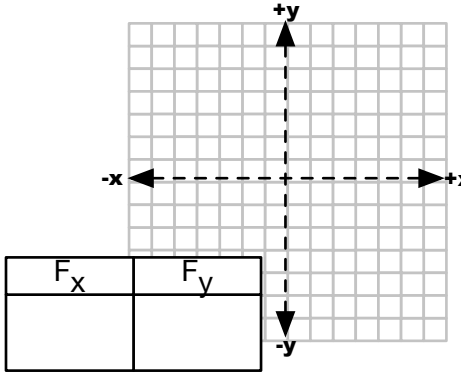
Components as Projections



Draw an arrow for a force that has a small positive x-component and a large positive y-component.

a) Determine its components.

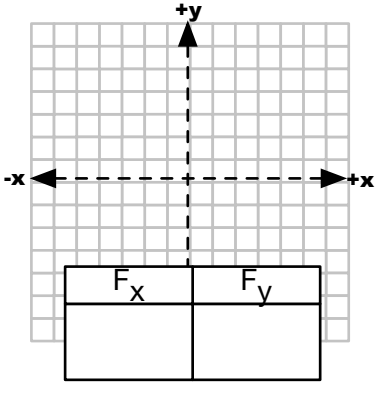
b) What kinds of angles can this force have?



Draw an arrow for a force that has equal x and y components, but the x component is positive and the y component is negative.

a) Determine its components.

b) What Quadrant will this force be in?

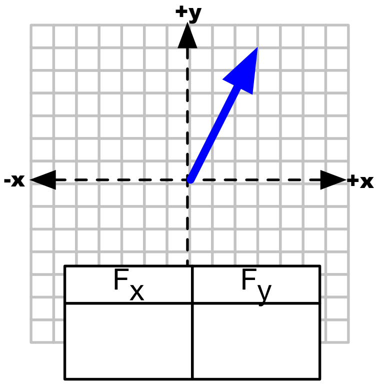


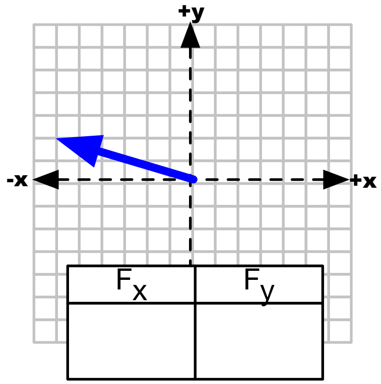
Draw an arrow for a force that has a negative x component but a zero y component.

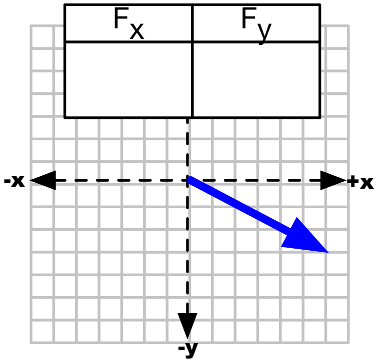
a) Determine its components.

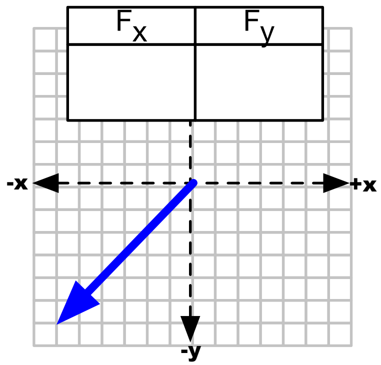
b) Which way does it point?

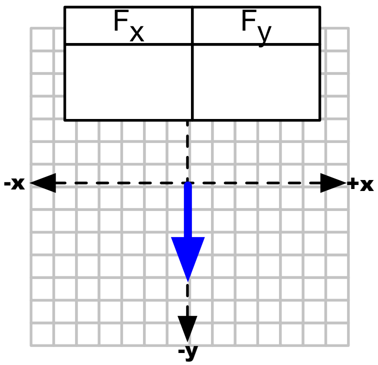
Sketch the x and y components. Estimate their size by counting boxes.

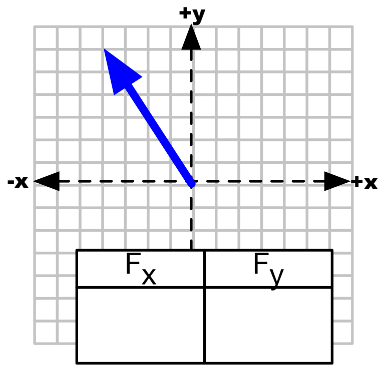












Sketch the x and y components. Estimate their size by counting boxes.