## Equilibrant for a Sign

A sign hangs from 2 wires. Each is at an angle of $35^{\circ}$ to the vertical. If the sign has a mass of 150 kg , what is the tensional force on each wire.

Step 1 | Step 2 |
| :---: |
| Find Force |
| Net |

| Step 3 " |
| :--- |
| Resolve for " $x$ " |
| and " $y$ " | | Step 4 |
| :---: |
| Solve |

