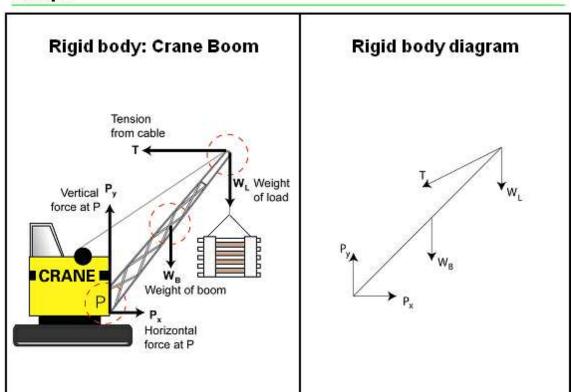
Extension 1: Constructing Rigid Body Diagrams

In each of the following cases the object shown in the diagram is acted on by one of more forces. All diagrams are in a vertical plane so that the earth is down in the diagram and the sky is up. The object is shown in the first box.

- 1. Circle the points on the sketches where forces are acting on the object.
- 2. Draw an arrow to represent each force and indicate what caused the force.
- In the second box construct a rigid body force diagram with appropriate labels for all forces.

Example



Sketches	Rigid Body Diagram
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