



Caption: Simply Supported Beam

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Location: My Apartment, Vancouver

Notes: Point Loads on a Simply Supported Beam

The safety helmet and boots act as point loads on the simply supported beam shown above. The load flows through the beam to the supports and then to the ground as displayed on the picture by the red arrows.

Beam Analysis using Dr. Beam Pro:

The Displacement Diagram, Shear Force Diagram, Bending Moment Diagram and Rotation Diagram of the beam under loading are shown below:

File: David_Shoolestani_CIVL231_P1_Contest.dbp

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