# Make a model of a subduction zone



| | MOUNT ST. HELENS | MY VOLCANO |
|---|---|---|
| | Height = 1.6 miles | Height = [____] ★ |
| | Thickness of plate= ~18 miles | Thickness of plate= [____] <br> ★ x 18 ÷ 1.6 |
| | Thickness of mantle above subducting plate= ~28 miles | Thickness of mantle above subducting plate= [____] <br> ★ x 28 ÷ 1.6 |

North American Plate

mantle

subducting Juan de Fuca Plate

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