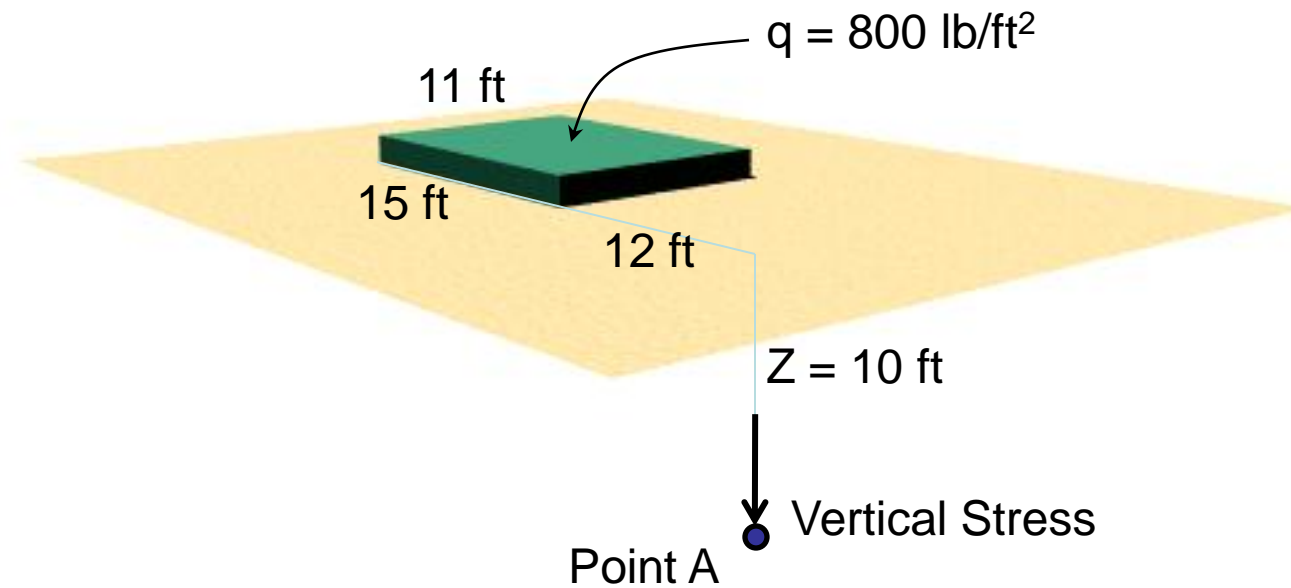
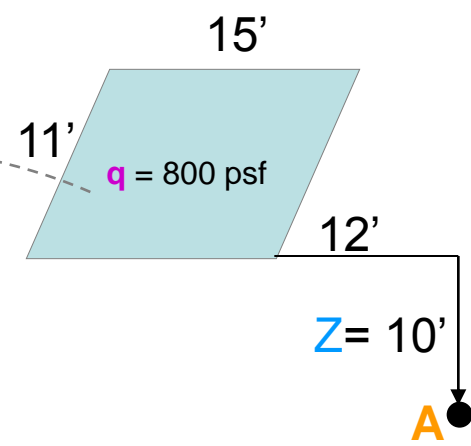
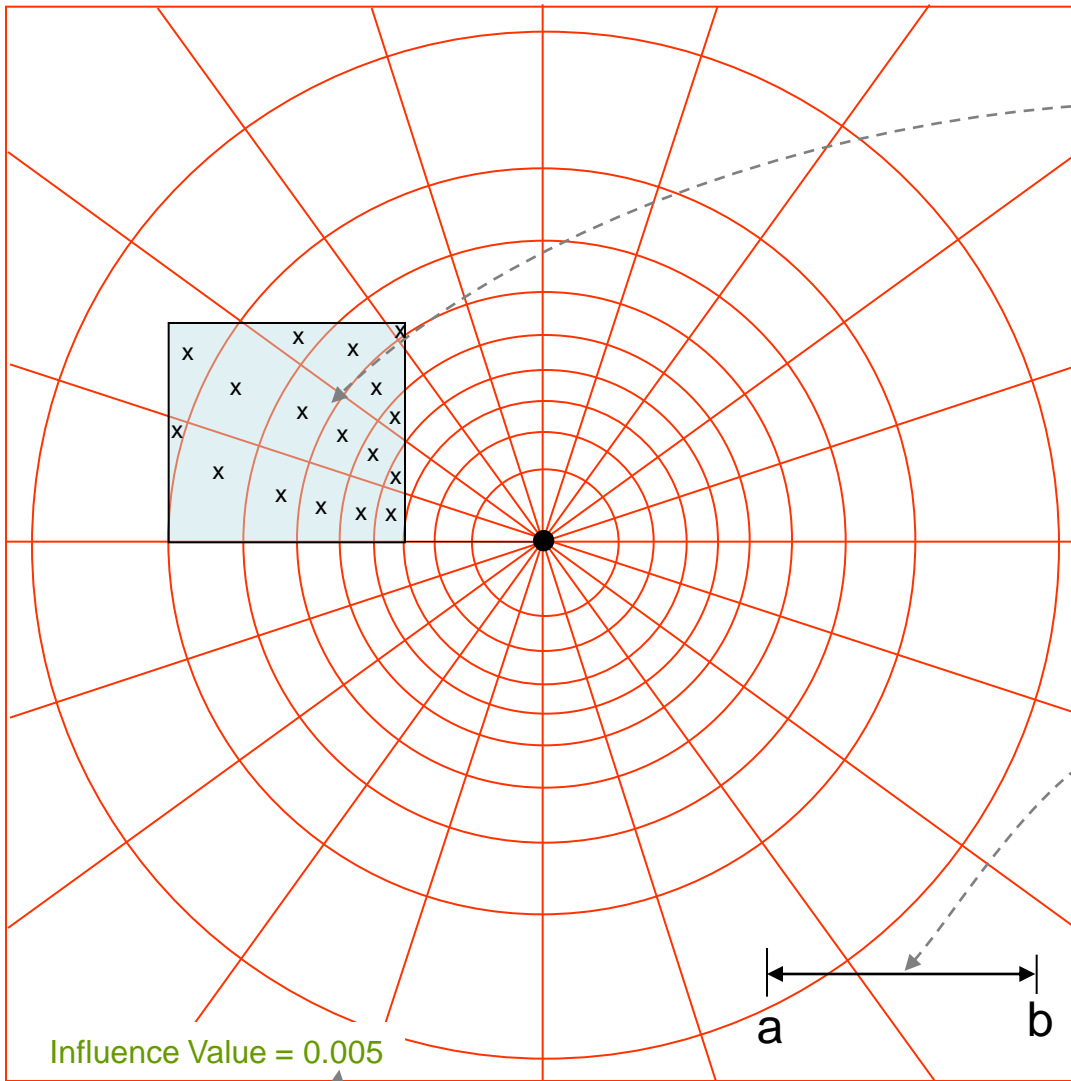


Find:
Vertical Stress at Point A





Steps to determine Vertical Stress Using Newmark Charts:

- 1- Select a scale to draw the shape shown above
- 2- The scale is $Z =$ length of line **ab**
- 3- Draw the shape using the selected scale
- 4- Place the shape on Newmark chart so that point **A** is at the center
- 5- Count the stress fields **n**
- 6- The stress at point **A** = **n** x **q** x 0.005