

1.5: Questions

1. What is the affect of increasing mass on force?
 2. What is the affect of increasing area on pressure?
 3. Does the higher of two masses always produce a higher force given the same acceleration?
 4. Does the higher of two masses always produce a higher pressure?
 5. Based on established theory, if this exercise had been repeated on the moon, would you expect the deformations recorded in Tables 2 and 3 to be the same, greater, or smaller? Why?
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