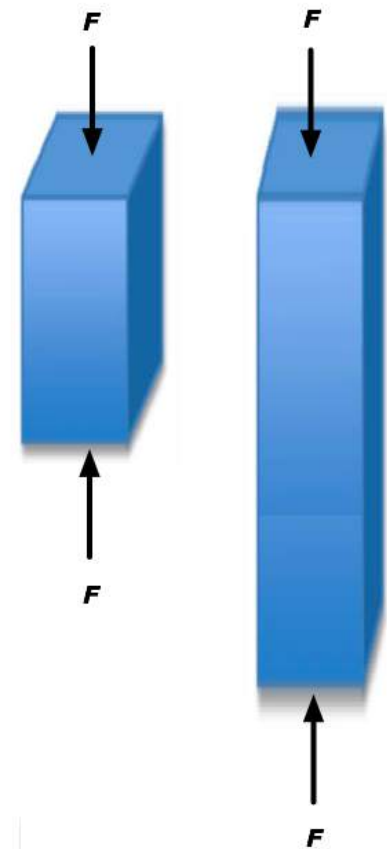


Consider two blocks made of the same material with the same cross sectional area but one twice as long as the other. If the same compressional forces are exerted on both blocks



1. They will compress by the same amount.
2. The short block will compress by twice as much.
3. The long block will compress by twice as much.
4. There is not sufficient information given to tell.



Consider two blocks made of the same material with the same length but one twice cross sectional area as the other. If the same compressional forces are exerted on both blocks



1. They will compress by the same amount.
2. The wide block will compress by twice as much.
3. The narrow block will compress by twice as much.
4. There is not sufficient information given to tell.

