## Answer on Question \#48819 - Math - Calculus

If the stiffness $(\mathrm{S})$ is proportional to the breadth $(\mathrm{B})$ and the cube of the depth $(D)$, then we can express it in the next form: $\mathrm{S}=\mathrm{B} D^{3}$. Breadth is 20 cm , so $\mathrm{S}=20 D^{3}$.

