

8	<p>A is the correct answer</p> <p>B is incorrect because stress \propto strain or $F/A \propto \Delta x/x$ or $\Delta x \propto x/d^2$ if $2\Delta x$ then $0.5x / (0.5 d)^2 = 2 (x/d^2)$</p> <p>C is incorrect because stress \propto strain or $F/A \propto \Delta x/x$ or $\Delta x \propto x/d^2$ if $2\Delta x$ then $0.5x / (0.5 d)^2 = 2 (x/d^2)$</p> <p>D is incorrect because stress \propto strain or $F/A \propto \Delta x/x$ or $\Delta x \propto x/d^2$ if $2\Delta x$ then $0.5x / (0.5 d)^2 = 2 (x/d^2)$</p>	1
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