



Building Skyscrapers

Quizz and FAQ

1) How would you define a force?

- Force is a quantity that can influence the shape and motion of material elements.
- Pure strength when lifting weights.

2) What is Newton's 2nd law of motion?

- if the forces acting upon an object are balanced, then the acceleration of that object will be 0 m/s/s
- the acceleration of an object is dependent upon two variables
- the net force acting upon the object and the mass of the object.

3) What does seismic activity depend on?

- Hazard, vulnerability, exposure
- Hazard, risk, wind
- Force, density, mass

4) What is the strongest shape?

- Triangles because they provide strength and stability.
- Rectangles because they have 4 sides, which is more than 3.

5) Which scales is often used to measure seismic activity?

- Richter magnitude
- Beyonce's elevation



Answers

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