

**Physical quantities & Energy Sources – Basic Understanding**

1. State 3 base quantities.

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2. State 3 derived quantities.

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3. The mass of Hannah is 50kg. The gravitational field strength is 10N/kg on earth and 2.5N/kg on Planet Lala.

a. Calculate Hannah's weight on Planet Lala. (Take note of incorrect statements in workings!)

b. Hannah brought a ball to Planet Lala. She loves throwing the ball in the air and then catches it. Do you think Hannah has to use more force to throw the ball on Planet Lala? Explain why.

4. Name 3 types of fossil fuels.

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5. State 3 types of renewable sources of energy.

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