



# MATCH WITS WITH THE KIDS QUIZ 5 – PHYSICS

1) How many joules of energy does it take to boil a kettle of water?

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2) Who was the first scientist to demonstrate the existence of electromagnetic waves?

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3) A battery makes use of what kind of energy?

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4) What are the words 'Light Amplification by Stimulated Emission of Radiation' usually shortened to?

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5) How long does it take the ex-planet Pluto to orbit the sun once?

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6) On an electrical circuit diagram, what is represented by a letter V inside a circle?

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7) What type of force affects weight of an object but not its mass?

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8) What is a magnetic field?

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9) What is measured in amps?

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10) How do you calculate the average speed of an object?

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**For the answers, download the answer sheet from [www.matchwits.co.uk](http://www.matchwits.co.uk)**

