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P3.3 Crossword

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| **Across****4.** To make a electromagnet stronger you can use increase the**5.** Charges moving in a wire**10.** The name of a coil of wire and a iron core inside it**11.** Magnetic field lines run from North to**13.** There are three magnetic metals, cobalt, iron and**15.** Run from North to South of a magnet**16.** A magnet that uses electricity is called an**17.** In Flemings left hand rule the first finger is for | **Down****1.** Needs a current and a magnet to spin**2.** In the right hand grip rule the thumb is used to show**3.** Name of left hand rule**6.** Steel can be made magnetic because it contains the metal**7.** To make an electromagnet you can wrap coils of wire around an Iron**8.** To keep a motor spinning a component is needed called a c...**9.** In Flemings rule what part of hand is for movement or force on the wire**12.** In Flemings left hand rule the second finger is for**14.** When a magnetic material is made into a magnet it is said to be |