**Worksheet (Week 4) - Vectors and Scalars**

“*Use the clues provided below to fill in the cross word puzzle”*

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| **Across**  **5.** Multiplying a constant to enlarge a vector is known as  **6.** Vectors are always added from?  **7.** Scalar quantities are completely described by their  **9.** If two opposite vectors are subtracted, the second vectors direction is?  **10.** A quantity described by magnitude and direction both are called | **Down**  **1.** Vectors can be resolved in?  **2.** A physical quantity which can be completely described by its magnitude only is called  **3.** Force is a vector quantity  **4.** what name is given to a mathematical relation to solve vectors adding to give a right angle  **8.** The calculated angle is also known as? |