**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? |