

Vectors and Scalars

(Physical Science)

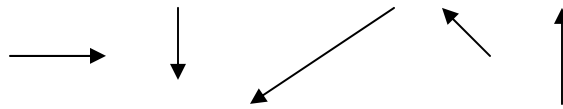
Name _____

Indicate which of the following are **scalar** and **vector** quantities:

- 1) 35 *mph* _____
- 2) 12,000 *feet* _____
- 3) 60° NNW _____
- 4) - 10 *km* from the finish line _____
- 5) 2 spoonfuls of sugar _____

Using each dot as a starting location, graphically add the following set of vectors **2 DIFFERENT WAYS** using the tail to tip method. Draw the resultant vector in **RED** ink for both cases.

(NOTE: Be very careful that your directions and lengths are correct)



Case I

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Case II

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