

The _____ will be the frame of reference in motion questions.

A chicken crosses an 8 m wide road 4 times, winding up where she started. How far has she moved? The answer could be _____m or _____m.

Motion-

HOW FAR?

Displacement -

(The chicken's displacement is _____m.)

Distance-

(The chicken has moved a distance of _____m.)

Scalar Quantities:

-
-

Class Examples of Scalar Quantities -

Vector Quantities:

-
-

_____ is an example of vector quantity because -

Scalar Quantities and their Vector counterpart -

- _____ - scalar
- _____ - vector (ex. _____)
- _____ - scalar (ex. _____)
- _____ - vector (ex. _____)

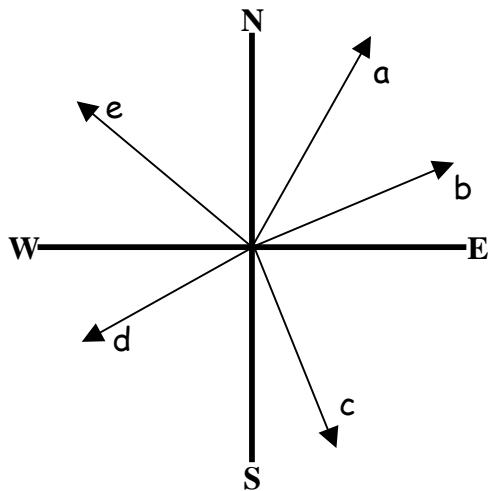
Vectors are drawn with _____

- the length represents _____ (defined as _____)
- the arrow point represents _____

Vector Directions:



_____ (more specifically, _____ of _____)
(Hint - the last direction listed is always the axis it is closet to!)



Practice Angles #1:

- a)
- b)
- c)
- d)
- e)

Draw a set of axes in the space, then the vector, 37° West of South.

Copy and answer Show What You Know on your own paper.