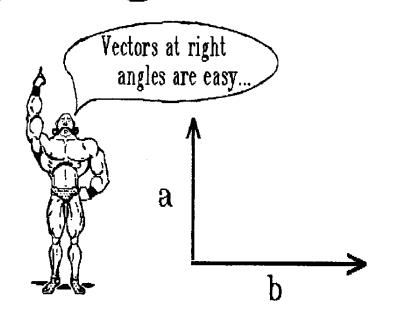
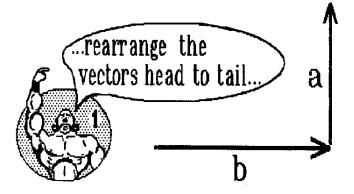
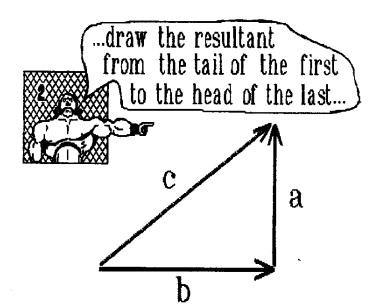
## Pythagorean

## Theorem

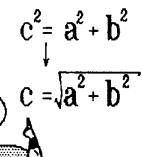








...substitute the values for a and b into the <u>Pythagorean</u>
<u>Theorem</u>, and solve for c.



Vectors & Resultants 1 Physics Phor Phun
ent, vectors, and resultants.
finally 1000km north to another

- 3. A dog runs 5m north, then 3m south, then 20m east, then 6m west then 2m north, then 4m north, then 6m east, 10m south, then 2m west, then 4m north.
  - a) What's the dogs distance?
  - b) what's his displacement from his starting place?