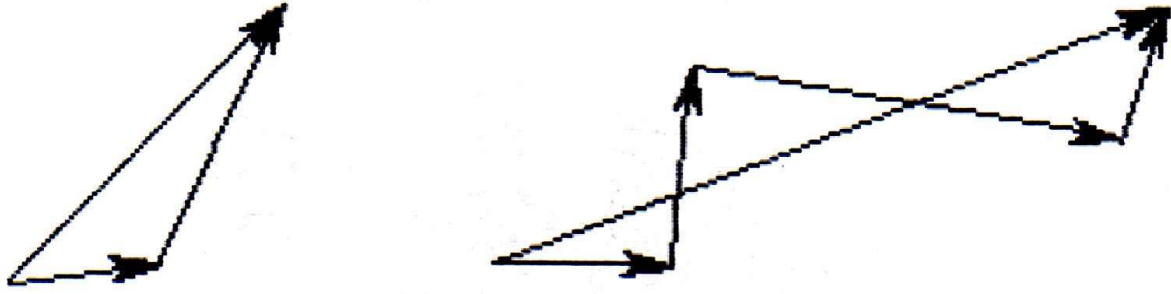


Physics with Synno – Motion-2 – Lesson 4

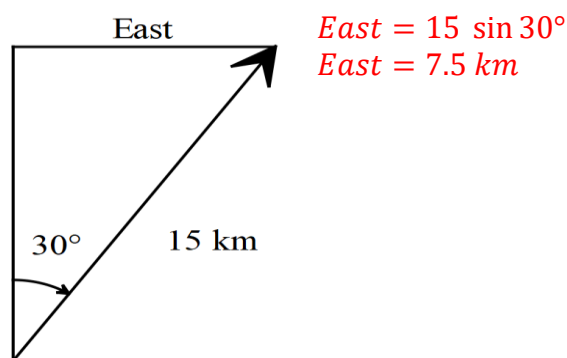
M.1.2.3 Vector Components (Resolutes)

Just as two vectors can be added to give another. A vector can be **split** into two or more other vectors. These are called components or resolute.

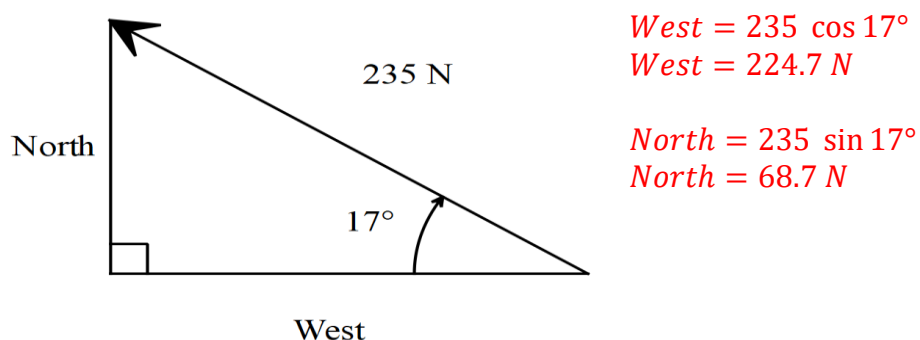
Example



Example A cyclist rides a distance of 15 km in a direction N 30° E. Find how far east the cyclist travels.



Example Determine the perpendicular components of a 235 N force acting on a bike at a direction of 17.0° north of west.



Problem Set #4: Text Page 281 All Questions

(FIRST TEST AT THIS POINT)

Revision: Text Page 286 Questions 1 – 16