

**Answer on Question #58475-Physics-Other**

The components of vector A are:

$$A_x = +7.6$$

$$A_y = -6.4$$

What is the approximate magnitude of A

**Solution**

The approximate magnitude of **A** is

$$|\vec{A}| = \sqrt{A_x^2 + A_y^2} = \sqrt{7.6^2 + (-6.4)^2} = 9.9$$

**Answer: 9.9.**