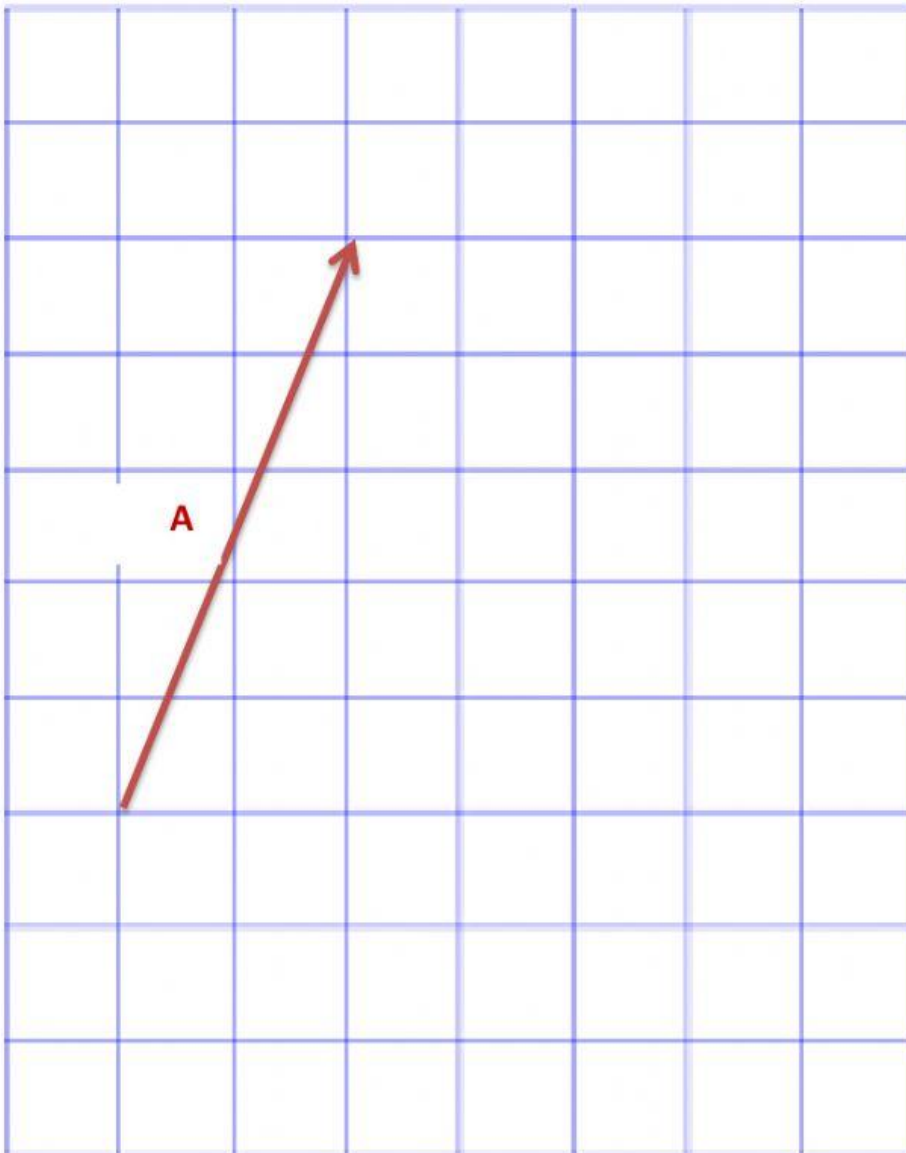


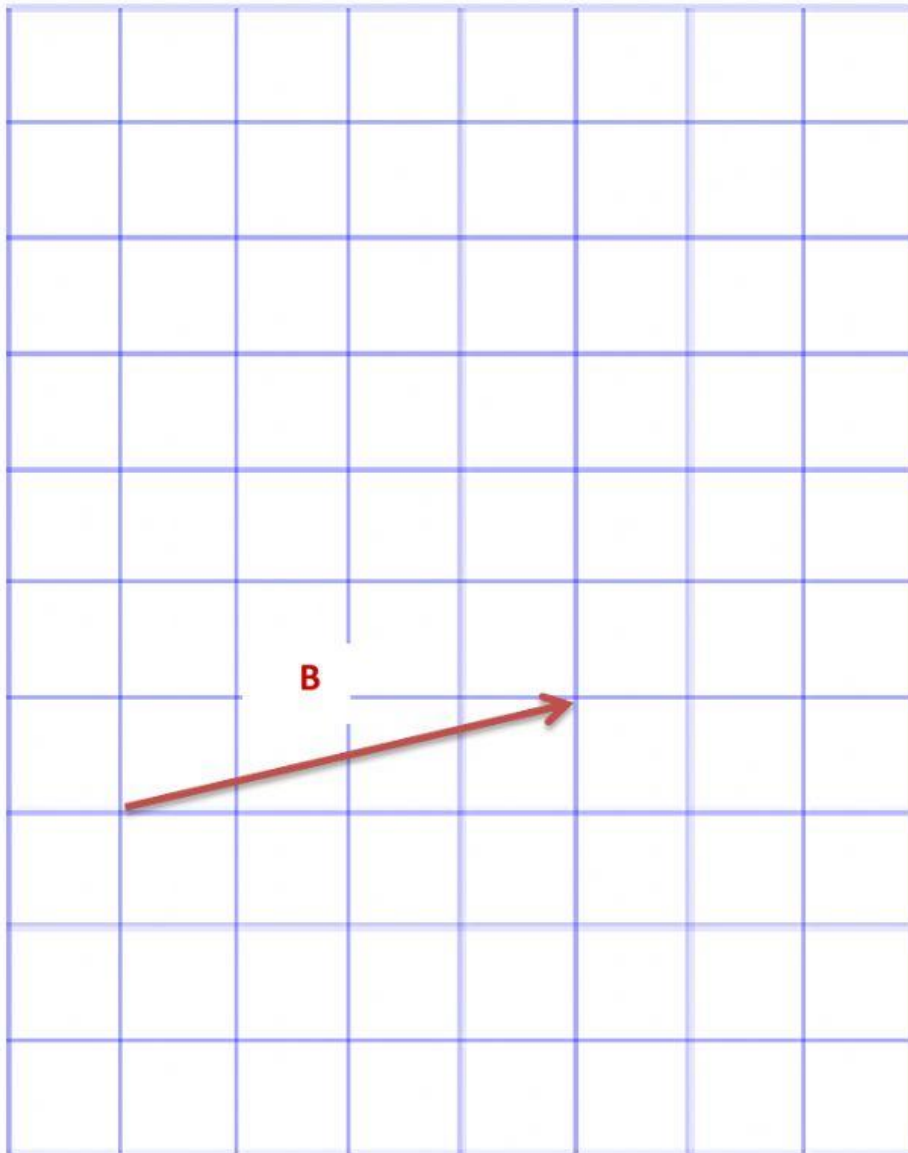
### Interactive Worksheet

#### Adding Vectors using Components

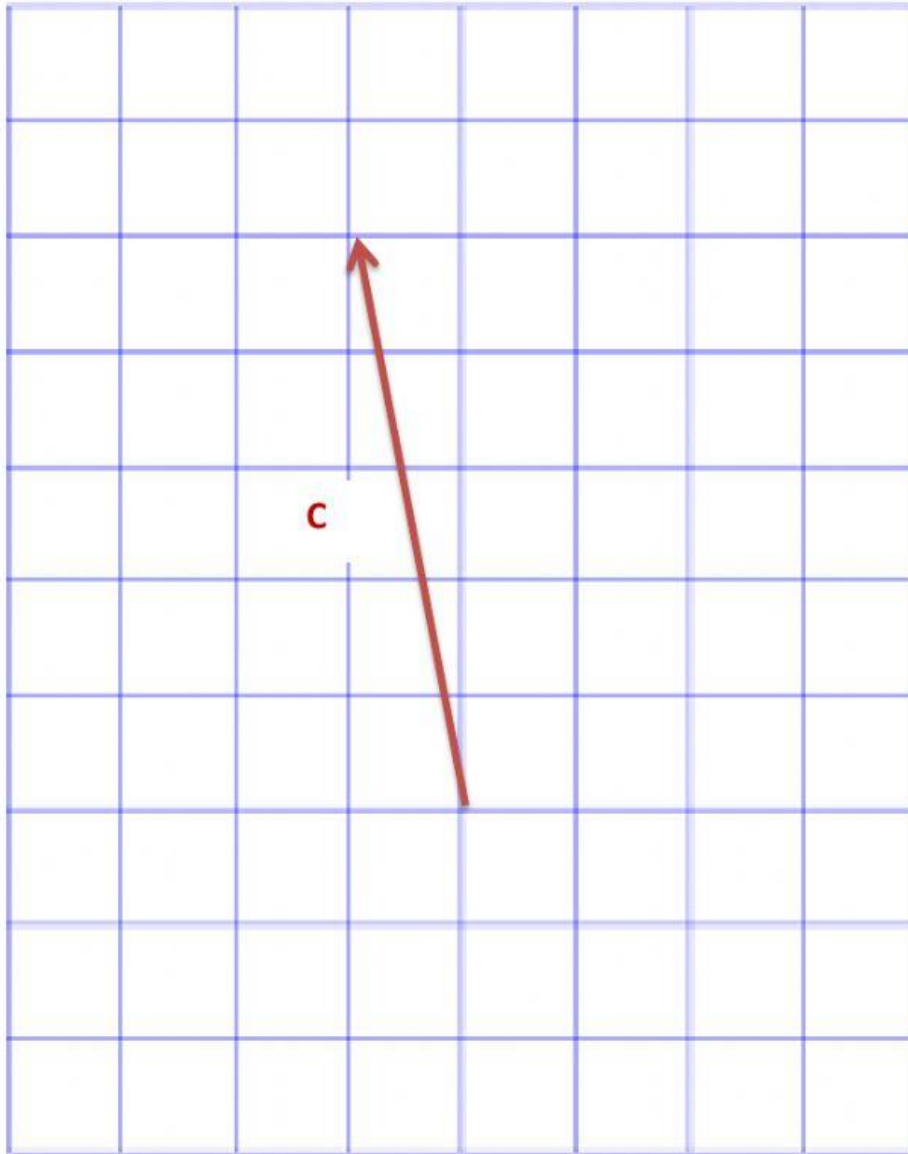
- The X-component of Vector A= a) 3 cm b) 2cm c) 5 cm d) 4cm
- The Y-component of Vector A= a) 3 cm b) 2cm c) 5 cm d) 4cm



- The X-component of Vector B= a) 3 cm b) 2cm c) 1 cm d) 4cm
- The Y-component of Vector B= a) 3 cm b) 2cm c) 1cm d) 4cm



- The X-component of Vector C= a) 1 cm b) -1cm c) 5 cm d) -5cm
- The Y-component of Vector C= a) 1 cm b) -1cm c) 5 cm d) -5cm





- The X-component of the resultant vector of  $A+B+C =$   
a) 1 cm    b) -1cm    c) 5 cm    d) -5cm
- The Y-component of the resultant vector of  $A+B+C =$   
a) 11 cm    b) -11cm    c) 7 cm    d) -7cm