

Physics 30

Vector Addition

Online Activity I.2.1

1. What method was used to determine the resultant vector?
2. Determine the resultant using 2 forces. Using 5 forces. Will this method work for any number of forces?
3. Using 3 forces, drag each so that one will be size x , the other $2x$, and the third $3x$. Make the angles between the vectors approximately 120° . Sketch the addition diagram and the resultant vector.