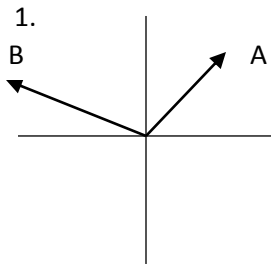
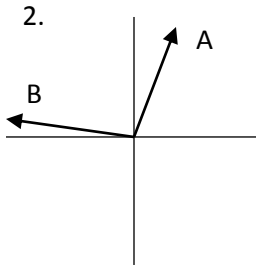


VECTOR PRACTICE

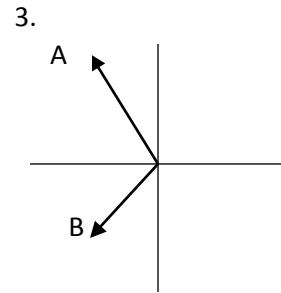
Find the resultant magnitude and direction for the following vectors.



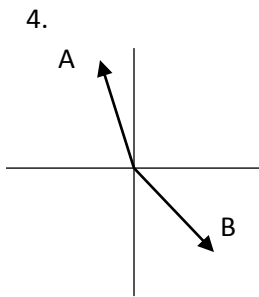
A = 40 m at 50°
B = 60 m at 160°



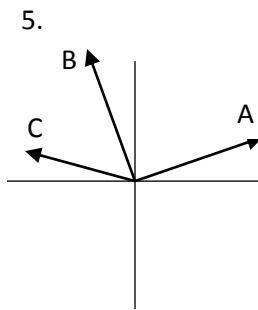
A = 25 m/s at 80°
B = 40 m/s at 170°



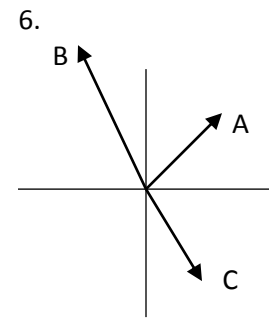
A = 22 m/s at 110°
B = 15 m/s at 210°



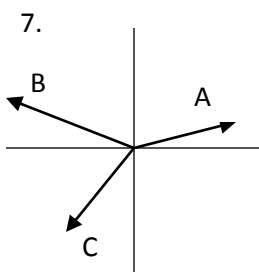
A = 22 N at 95°
B = 35 N at 300°



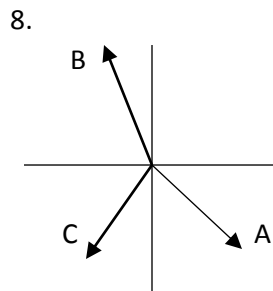
A = 50 m at 25°
B = 70 m at 115°
C = 45 m at 165°



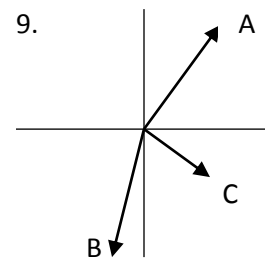
A = 25 N at 50°
B = 73 N at 120°
C = 42 N at 295°



A = 17 m/s at 17°
B = 22 m/s at 160°
C = 6 m/s at -111°



A = 79 N at -45°
B = 96 N at 68°
C = 64 N at -142°



A = 563 m at 74°
B = 835 m at 252°
C = 285 m at -22°