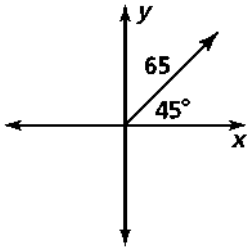
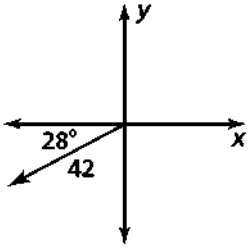
Name _____ Class _____ Date _____

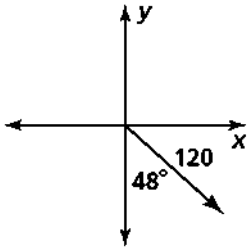
Practice 8-6

Vectors

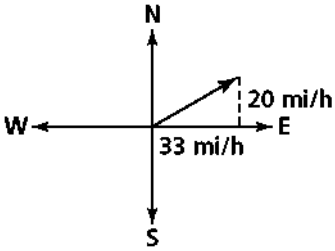
Describe each vector as an ordered pair. Give the coordinates to the nearest tenth.

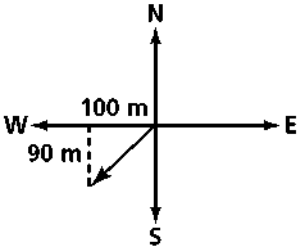
1. 

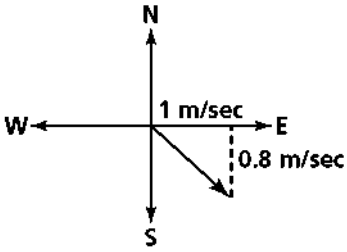
2. 

3. 

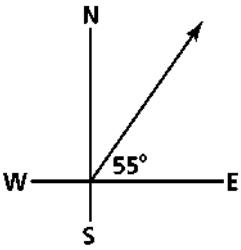
Find the magnitude and direction of each vector. Round your answers to the nearest tenth.

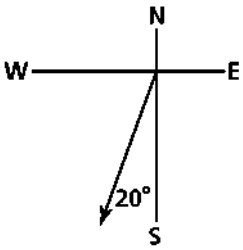
4. 

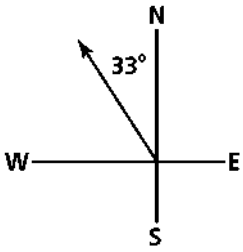
5. 

6. 

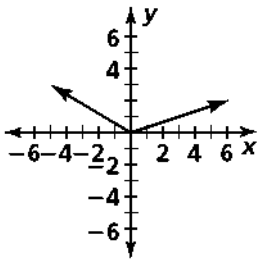
Use compass directions to describe the direction of each vector.

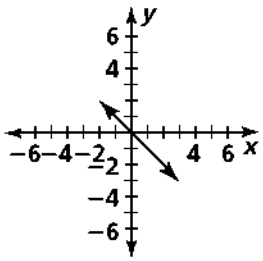
7. 

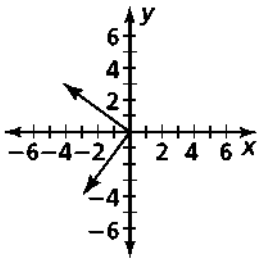
8. 

9. 

For Exercises 10–12, (a) write the resultant as an ordered pair, and (b) draw the resultant.

10. 

11. 

12. 

13. Sketch a vector that has the direction 48° south of east.

14. Sketch a vector that has the direction 30° west of north.

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