Worksheet: Introduction to Vectors and Angles	Name
1. Define scalar and vector quantities:	
2. Which is a scalar and which is a vector?	
A weight of 50 N	instructions on a treasure map
20 seconds of time	the force of friction
a mass of 10 kg the length of your pencil	your age 5 m/c W/cct
me length of your pench	5 m/s, west
3. In a vector, the length of the arrow repre	sents the of that quantity.
<ul> <li>The S blocks to school, men's blocks to school, your distance</li> <li> This is because</li> <li>direction does not matter (a</li> <li>displacement) is a quantity where direction</li> </ul>	e traveled is, but your displacement is ( <i>distance, displacement</i> ) is a quantity where quantity, while ( <i>distance, displacement</i> ) a quantity.
b. c. d.	each vector.
<ul> <li>6. Draw and label the following vectors:</li> <li>a. 12° W of N</li> <li>b. 31° E of N</li> <li>c. 25° S of E</li> <li>d. 43° N of E</li> </ul>	
e. 8°S of W	
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