

General Science 3200

Worksheet 21: Adding Vectors

Name: _____

Add the following vectors together to give the **resultant** vector. Use the key: 1 cm = 1 km
In each question begin from one point (home). Be sure to include the magnitude and direction of the resultant vector.

1. 2 km [30°], then 2 km [90°]

2. 3 km [135°], then 4 km [25°]

3. 1 km [237°], then 3 km [237°]

4. 2 km [345°], then 4 km [60°]

5. 2 km [315°], then 5 km [135°]

6. 3 km [210°], then 4 km [60°]

7. 4 km [40°], then 1 km [180°]

8. 3 km [155°], then 1 km [155°]

