

ACTIVITY SHEET

Activity 1.2: Parallelogram method

Tip-to-tail method

The first part of this activity uses the tip-to-tail method, as described in Activity 1.1. Using an example from your teacher, or one you have chosen, complete each part of the procedure below.

- **1** Decide on an appropriate scale for the drawing.
- 2 In the space below, draw one of the vectors to scale.

3 In the space above, draw the second vector, to scale, so that its tail is on the tail of the first vector.

- 4 Construct a parallelogram from the vectors.
- 5 The arrow drawn along the diagonal that starts from the tails of the two vectors is

6 Measure the length of the resultant using the scale you chose.

7 Measure the angle carefully with a protractor.