Name: ..... Class: ..... Date: .....

Check Your Understanding

Example 1

1. **NAVIGATION** To chart a course, sailors use a *parallel ruler.* One edge of the ruler is placed along the line representing the direction of the course to be taken. Then the other ruler is moved until its edge reaches the compass rose printed on the chart. Reading the compass determines which direction to travel. The rulers and the crossbars of the tool form $\square MNPQ$.



a. If $m\angle NMQ = 32$, find $m\angle MNP$.

b. If $m\angle MQP = 125$, find $m\angle MNP$.

c. If $MQ = 4$, what is NP?

LIVEWORKSHEETS