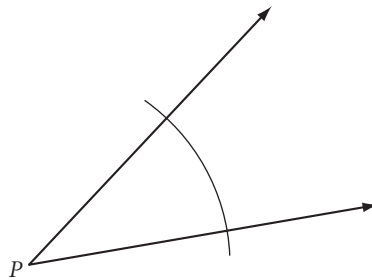
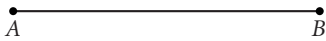


Lesson 3.5 • Constructing Parallel Lines

Name _____ Period _____ Date _____

For Exercises 1–6, construct a figure with the given specifications using a straightedge and compass or patty paper. Use additional sheets of paper to show your work.

1. Draw a line and a point not on the line. Use a compass and straightedge to construct a line through the given point parallel to the given line.
2. Repeat Exercise 1, but draw the line and point on patty paper and fold to construct the parallel line.
3. Use a compass and straightedge to construct a parallelogram.
4. Use patty paper and a straightedge to construct an isosceles trapezoid.
5. Construct a rhombus with sides equal in length to \overline{AB} and having an angle congruent to $\angle P$.



6. Construct trapezoid $ZOID$ with \overline{ZO} and \overline{ID} as nonparallel sides and \overline{AB} as the distance between the parallel sides.

