

# Intersecting Lines

Look back at LAB pages 25 and 26.

- 1 There were \_\_\_\_\_ different maps with 1 street.
- 2 There were \_\_\_\_\_ different maps with 2 streets.
- 3 There were \_\_\_\_\_ different maps with 3 streets.
- 4 There were \_\_\_\_\_ different maps with 4 streets.
- 5 There were \_\_\_\_\_ different maps with 5 streets.

- 6 Predict how many different maps can be made with 8 streets. \_\_\_\_\_
- 7 Using as many spaces as you need below, draw all the 8-street maps, and label each map with its number of intersections.

Number of Intersections _____	Number of Intersections _____	Number of Intersections _____
Number of Intersections _____	Number of Intersections _____	Number of Intersections _____
Number of Intersections _____	Number of Intersections _____	Number of Intersections _____