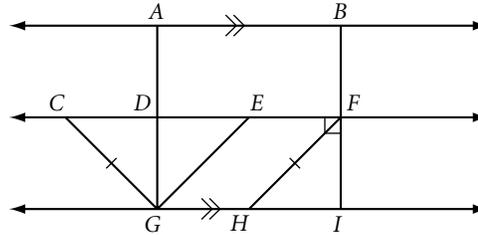


# Lesson 1.5 • Triangles

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

For Exercises 1–5, use the figure at right. Name a pair of

1. Parallel segments
2. Perpendicular segments
3. Congruent segments
4. Supplementary angles
5. Linear angles



For Exercises 6 and 7, sketch, label, and mark each figure.

6. Isosceles obtuse triangle  $TRI$  with vertex angle  $T$ .
  
7. Scalene right triangle  $SCA$  with midpoints  $L$ ,  $M$ , and  $N$  on  $\overline{SC}$ ,  $\overline{CA}$ , and  $\overline{SA}$ , respectively.

For Exercises 8 and 9, use your geometry tools to draw each figure.

8. Acute isosceles triangle  $ACD$  with vertex angle  $A$  measuring  $40^\circ$ .
9. Scalene right triangle  $RGH$ .

For Exercises 10–12, use the graph at right.

10. Locate  $F$  so that  $\triangle ABF$  is a right triangle.
11. Locate  $D$  so that  $\triangle ABD$  is an isosceles triangle.
12. Locate  $G$  so that  $\triangle ABG$  is scalene and not a right triangle.

