

Name: _____ Date: _____

● **Night's Light**

Complete the graph on page 17 by following Step One and Step Two.

Step One: Plot and label the points.

A (13, 29)

B (16, 29)

C (12, 27)

D (9, 23)

E (8, 18)

F (8, 12)

G (9, 7)

Step Two: Draw the line segments. Use a ruler.

\overline{AB}

\overline{BC}

\overline{CD}

\overline{DE}

\overline{EF}

\overline{FG}

\overline{GH}

\overline{NA}

\overline{MN}

\overline{LM}

\overline{KL}

\overline{JK}

\overline{IJ}

\overline{HI}

Answer each question about the graph on page 17.

1. Write the ordered pairs for the points.

H: (_____ , _____)

I: (_____ , _____)

J: (_____ , _____)

K: (_____ , _____)

L: (_____ , _____)

M: (_____ , _____)

N: (_____ , _____)

2. Name one pair of line segments that appear parallel. _____

3. Is $\angle ABC$ acute, right, or obtuse? _____

4. Name an angle that is congruent to $\angle ABC$. _____

5. What is pictured on the graph? _____