

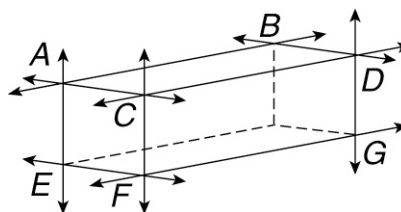
Practice A

Line and Angle Relationships

1. Draw a pair of parallel lines.
2. Draw a pair of perpendicular lines.

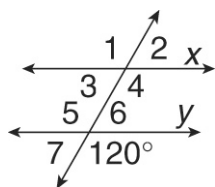
Tell whether each statement is true or false.

3. \overleftrightarrow{AC} and \overleftrightarrow{AB} appear parallel. _____
4. \overleftrightarrow{AC} and \overleftrightarrow{EF} appear parallel. _____
5. \overleftrightarrow{AB} and \overleftrightarrow{CD} appear perpendicular. _____
6. \overleftrightarrow{CF} and \overleftrightarrow{FG} appear perpendicular. _____
7. \overleftrightarrow{EF} and \overleftrightarrow{DG} appear to be skew. _____
8. \overleftrightarrow{CD} and \overleftrightarrow{DG} appear perpendicular. _____

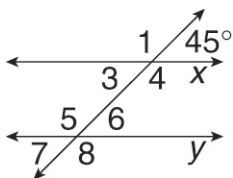


Line x is parallel to line y . Find the measure of each angle.

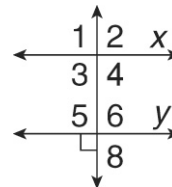
9. $\angle 1$ and $\angle 6$



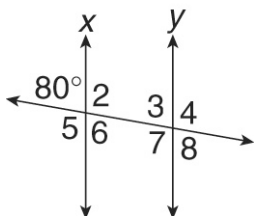
10. $\angle 3$ and $\angle 7$



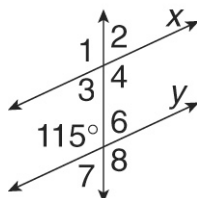
11. $\angle 1$ and $\angle 4$



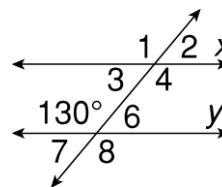
12. $\angle 6$ and $\angle 4$



13. $\angle 6$ and $\angle 7$



14. $\angle 1$ and $\angle 3$

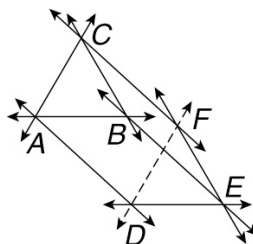


Practice B

Line and Angle Relationships

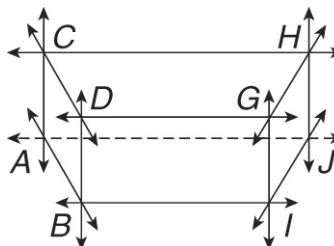
Tell whether the lines appear parallel, perpendicular, or skew.

1. \overleftrightarrow{AB} and \overleftrightarrow{DE} _____
2. \overleftrightarrow{EF} and \overleftrightarrow{CF} _____
3. \overleftrightarrow{AB} and \overleftrightarrow{AD} _____
4. \overleftrightarrow{BC} and \overleftrightarrow{DE} _____



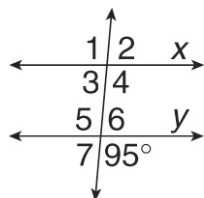
Tell whether the lines appear parallel, perpendicular, or skew.

5. \overleftrightarrow{BD} and \overleftrightarrow{DG} _____
6. \overleftrightarrow{AB} and \overleftrightarrow{BD} _____
7. \overleftrightarrow{DG} and \overleftrightarrow{IJ} _____
8. \overleftrightarrow{AB} and \overleftrightarrow{CD} _____

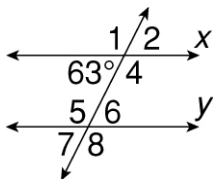


Line $x \parallel$ line y . Find the measure of each angle.

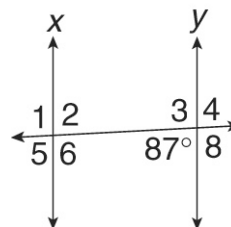
9. $\angle 1$ and $\angle 6$



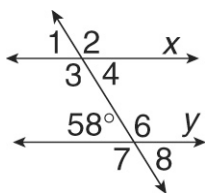
10. $\angle 4$ and $\angle 8$



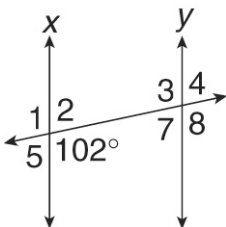
11. $\angle 4$ and $\angle 6$



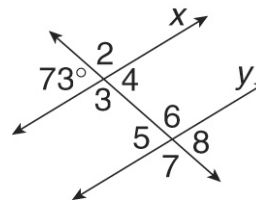
12. $\angle 2$ and $\angle 4$



13. $\angle 5$ and $\angle 7$



14. $\angle 7$ and $\angle 8$

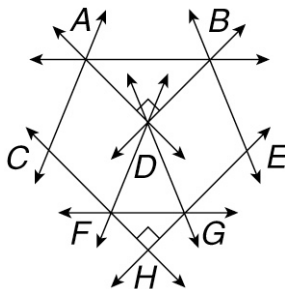


Practice C

Line and Angle Relationships

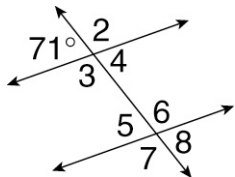
Tell whether the lines appear parallel, perpendicular or skew.

1. \overleftrightarrow{DF} and \overleftrightarrow{AC} _____
2. \overleftrightarrow{AD} and \overleftrightarrow{BD} _____
3. \overleftrightarrow{AD} and \overleftrightarrow{GE} _____
4. \overleftrightarrow{DG} and \overleftrightarrow{BE} _____
5. \overleftrightarrow{AB} and \overleftrightarrow{GH} _____
6. \overleftrightarrow{FH} and \overleftrightarrow{GH} _____

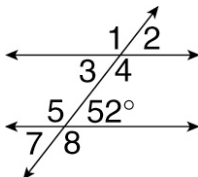


Assume that lines that look parallel are parallel.
Find the measure of each angle.

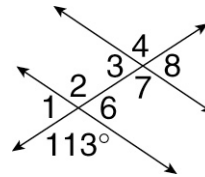
7. $\angle 4$ and $\angle 6$



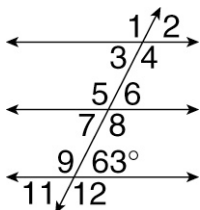
8. $\angle 3$ and $\angle 7$



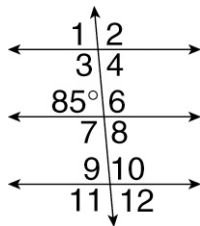
9. $\angle 3$ and $\angle 8$



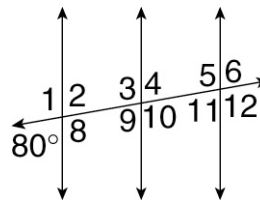
10. $\angle 3$, $\angle 5$, and $\angle 12$



11. $\angle 4$, $\angle 8$, and $\angle 10$



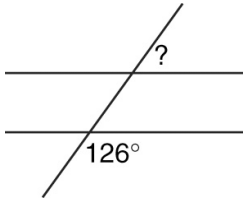
12. $\angle 3$, $\angle 6$, and $\angle 11$



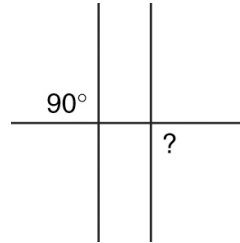
13. A pair of supplementary angles is congruent. What is the measure of each angle?

Find the measure of each angle with a question mark. Each has a corresponding letter. Match the letters to the answers to solve the riddle. Assume lines that look parallel are parallel.

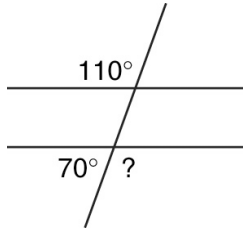
T _____



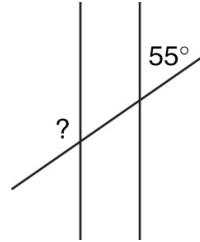
N _____



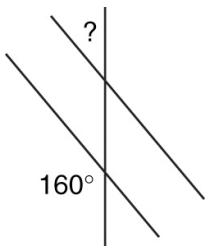
E _____



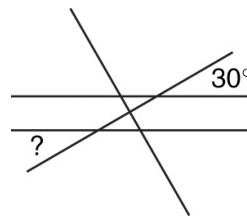
W _____



T _____



E _____



What do you give a sick bird?

A _____ E _____
54 125 110 20

M _____ T _____
30 90

