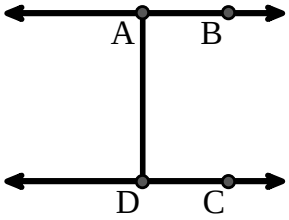
Solve each problem.

Use the graphic to the right to find the following (if possible):



1) Parallel Lines _____

2) Perpendicular Lines _____

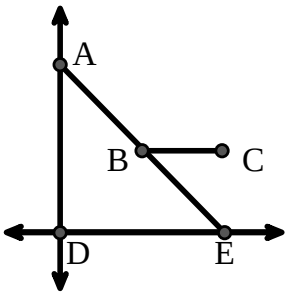
3) A Ray _____

4) Intersecting Lines _____

5) A Line _____

6) A Segment _____

Use the graphic to the right to find the following (if possible):



7) Acute Angle _____

8) Obtuse Angle _____

9) Straight Angle _____

10) Right Angle _____

Use the dot matrix to draw the following:

11) Segment $\overline{AC}$

12) Straight Angle $\angle ABC$

13) Segment $\overleftrightarrow{BD}$ perpendicular to $\overline{BC}$

14) Segment $\overleftrightarrow{CE}$ parallel to segment $\overline{BD}$

15) Line $\overleftrightarrow{FG}$ parallel to angle $\angle ABC$

Answers

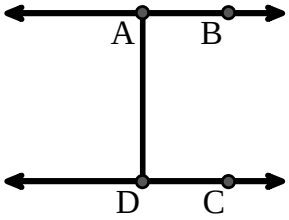
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. graph
12. graph
13. graph
14. graph
15. graph

1-10	93	87	80	73	67	60	53	47	40	33
11-15	27	20	13	7	0					

Analyzing Lines, Rays, Segments and Angles Name: **Answer Key**

Solve each problem.

Use the graphic to the right to find the following (if possible):



1) Parallel Lines $(\overleftrightarrow{A}\ \&\ \overleftrightarrow{B}), (\overleftrightarrow{C}\ \&\ \overleftrightarrow{D}), (\overleftrightarrow{A}\ \&\ \overleftrightarrow{D})$

2) Perpendicular Lines _____

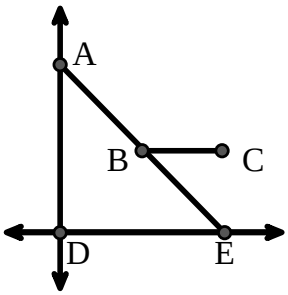
3) A Ray $\overrightarrow{AB}, \overrightarrow{BA}, \overrightarrow{DC}, \overrightarrow{CD}$

4) Intersecting Lines _____

5) A Line $\overleftrightarrow{AB}, \overleftrightarrow{CD}$

6) A Segment $\overline{AB}, \overline{CD}, \overline{AD}$

Use the graphic to the right to find the following (if possible):



7) Acute Angle $\angle AED, \angle EAD, \angle EBC$

8) Obtuse Angle $\angle ABC$

9) Straight Angle $\angle ABE$

10) Right Angle $\angle ADE$

Use the dot matrix to draw the following:

11) Segment $\overline{AC}$

12) Straight Angle $\angle ABC$

13) Segment $\overleftrightarrow{BD}$ perpendicular to $\overline{BC}$

14) Segment $\overleftrightarrow{CE}$ parallel to segment $\overline{BD}$

15) Line $\overleftrightarrow{FG}$ parallel to angle $\angle ABC$

Answers

1. $(\overleftrightarrow{A}\ \&\ \overleftrightarrow{B})$
2. none
3. $\overrightarrow{AB}$
4. none
5. $\overleftrightarrow{AB}$
6. $\overline{AB}$
7. $\angle AED$
8. $\angle ABC$
9. $\angle ABE$
10. $\angle ADE$
11. graph
12. graph
13. graph
14. graph
15. graph

1-10	93	87	80	73	67	60	53	47	40	33
11-15	27	20	13	7	0					