Analyzing Lines, Rays, Segments and Angles Name:

Solve each problem.

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

1) A Line _____

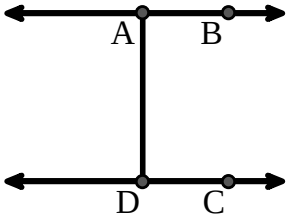
2) Parallel Lines _____

3) Perpendicular Lines _____

4) A Segment _____

5) Intersecting Lines _____

6) A Ray _____



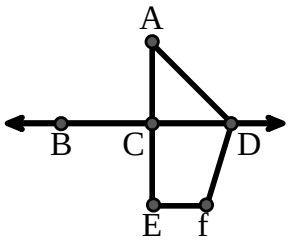
Use the graphic to the right to find the following (if possible):

7) Acute Angle _____

8) Straight Angle _____

9) Obtuse 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

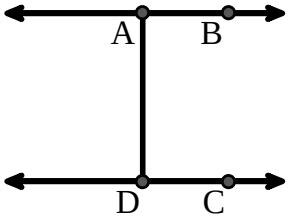
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. graph
12. graph
13. graph
14. graph
15. graph

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

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

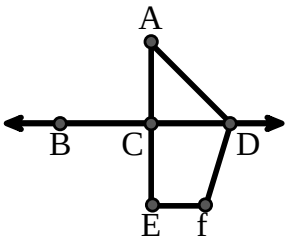
3) Perpendicular Lines _____

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

5) Intersecting Lines _____

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

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



7) Acute Angle ∠CAD

8) Straight Angle ∠BCD, ∠ACE

9) Obtuse Angle ∠ADF, ∠DFE

10) Right Angle ∠ACD, ∠CEF, ∠DCE

Use the dot matrix to draw the following:

11) Segment $\overline{AC}$

12) Straight 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 ∠ABC

Answers

1. $\overleftrightarrow{AB}$
2. ($\overleftrightarrow{A}$ & $\overleftrightarrow{B}$)
3. none
4. $\overline{AB}$
5. none
6. $\overrightarrow{AB}$
7. ∠CAD
8. ∠BCD
9. ∠ADF
10. ∠ACD
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					