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) A Ray_____

3) A Segment_____

4)
Parallel Lines

_____

5) Perpendicular Lines_____

6) Intersecting Lines_____

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

7) Obtuse Angle_____

8) Acute Angle_____

9) Right Angle_____

10) Straight Angle_____

Use the dot matrix to draw the following:

11) Ray $\overrightarrow{AB}$

12) Ray $\overrightarrow{AC}$ perpendicular to ray $\overrightarrow{AB}$

13) line $\overrightarrow{DE}$ intersecting ray $\overrightarrow{AC}$

14) Segment $\overline{EF}$ perpendicular to ray $\overrightarrow{AB}$

15) Angle $\angle EFG$

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					

Answers

Solve each problem.
Use the graphic to the right to find the following (if possible):

1) A Line _____ $\overleftrightarrow{BC}$ _____

1. _____ $\overleftrightarrow{BC}$ _____

2) A Ray _____ $\overrightarrow{BA}$,$\overrightarrow{CA}$,$\overrightarrow{BC}$,$\overrightarrow{CB}$ _____

2. _____ $\overrightarrow{BA}$ _____

3) A Segment _____ $\overline{BD}$,$\overline{DC}$,$\overline{BC}$,$\overline{AC}$,$\overline{AB}$ _____

3. _____ $\overline{BD}$ _____

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

4. _____ ($\overleftrightarrow{B}$ &$\overleftrightarrow{D}$) _____

5) Perpendicular Lines _____

5. _____ **none** _____

6) Intersecting Lines ($\overleftrightarrow{AC}$ &$\overleftrightarrow{AB}$),($\overleftrightarrow{BD}$ &$\overleftrightarrow{AB}$)

6. _____ ($\overleftrightarrow{AC}$ &$\overleftrightarrow{AB}$) _____

7. _____ $\angle CAB$ _____

8. _____ $\angle ACD$ _____

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

7) Obtuse Angle _____ $\angle CAB$,$\angle BED$ _____

9. _____ $\angle ABE$ _____

8) Acute Angle _____ $\angle ACD$ _____

10. _____ $\angle CDE$ _____

9) Right Angle _____ $\angle ABE$,$\angle ABD$,$\angle CBD$ _____

11. _____ **graph** _____

10) Straight Angle _____ $\angle CDE$ _____

12. _____ **graph** _____

13. _____ **graph** _____

14. _____ **graph** _____

Use the dot matrix to draw the following:

11) Ray $\overrightarrow{AB}$

15. _____ **graph** _____

12) Ray $\overrightarrow{AC}$ perpendicular to ray $\overrightarrow{AB}$

13) line $\overrightarrow{DE}$ intersecting ray $\overrightarrow{AC}$

14) Segment $\overline{EF}$ perpendicular to ray $\overrightarrow{AB}$

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Math

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