

**CORRECTIVE ASSIGNMENT**

**NAME:** \_\_\_\_\_

**1.1 POINTS, LINES, and PLANES**

**DATE:** \_\_\_\_\_

**Use the figure on the right to answer 1-4.**

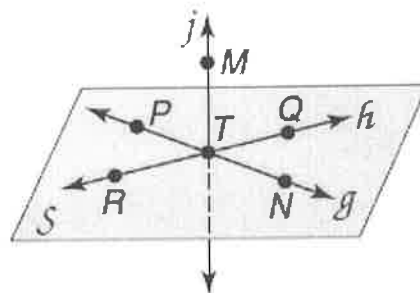
1. Name a ray.
2. Name a line segment.
3. Name a pair of opposite rays.
4. Draw  $\overleftrightarrow{SZ}$  on the figure.



**Use the figure on the right to answer 5-12.**

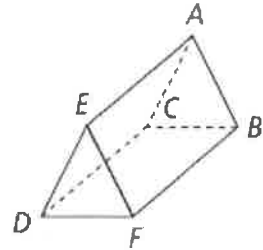
**NOTE: Line  $j$  intersects plane  $S$  at point  $T$ . Point  $M$  is not coplanar with plane  $S$ .**

5. Name 3 collinear points.
6. Name 4 coplanar points.
7. Name  $\overrightarrow{PT}$  another way.
8. What is the intersection of  $\overleftrightarrow{RQ}$  and line  $g$ ?
9. Draw  $\overleftrightarrow{PR}$  on the figure.
10. Name a pair of opposite rays.
11. Name plane  $S$  another way.
12. Bob says "points  $P, R, M$  are coplanar"  
Sarah says "points  $P, R, M$  are not coplanar"  
Who is correct? Explain why.



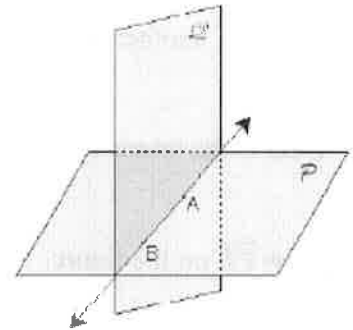
Use the figure on the right to answer 13-18.

13. Name 4 coplanar points.
14. Name 4 non-coplanar points.
15. What is the intersection of plane  $ABC$  and plane  $DEF$ ?
16. Shade plane  $DEA$  on the figure.
17. Name a segment with one endpoint at point  $C$ .
18. Bob says " $\overrightarrow{ED}$  and  $\overrightarrow{EF}$  are opposite rays"
- Sarah says " $\overrightarrow{ED}$  and  $\overrightarrow{EF}$  are not opposite rays"
- Who is correct? Explain why.



Use the figure on the right to answer 19.

19. Name the intersection of plane  $P$  and plane  $Q$ .



Use the figure on the right to answer 20-23.

20. Shade plane  $GED$ .
21. Name two line segments that share point  $H$  as an endpoint.
22. What is the intersection of  $\overrightarrow{AK}$  and  $\overrightarrow{CB}$ ?
23. Name 3 collinear points.

