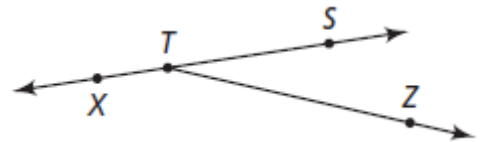**CORRECTIVE ASSIGNMENT**

NAME:_____

1.1 POINTS, LINES, and PLANES

DATE:_____

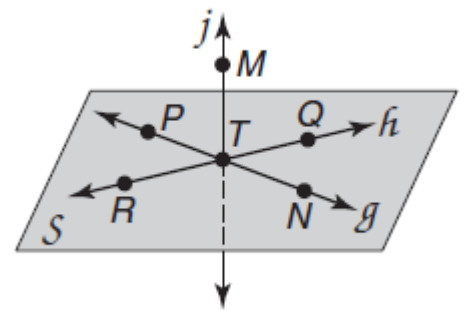**Use the figure on the right to answer 1-4.**

1. Name a ray.

2. Name a line segment.

3. Name a pair of opposite rays.

4. Draw $\overleftrightarrow{SZ}$ on the figure.

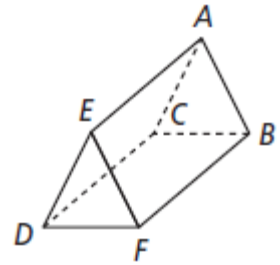**Use the figure on the right to answer 5-12.**
NOTE: Line j intersects plane S at point T. Point M is not coplanar with plane S.

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"
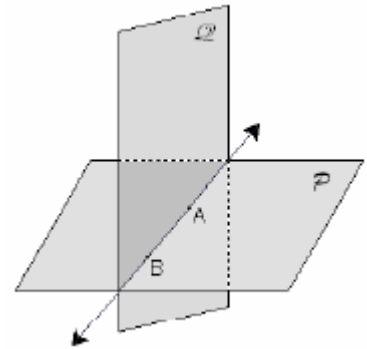   Who is correct? Explain why.

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"
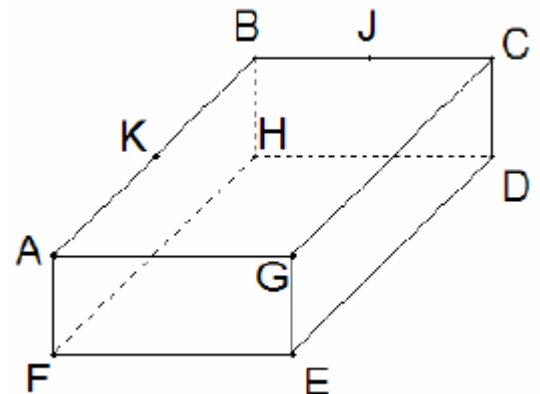   Who is correct? Explain why.

Use the figure on the right to answer 19.
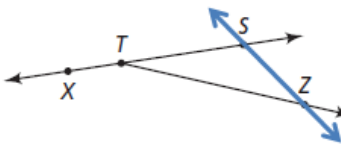
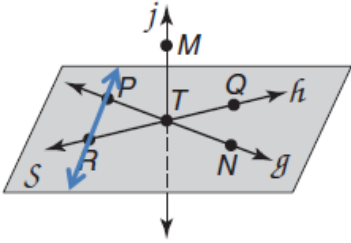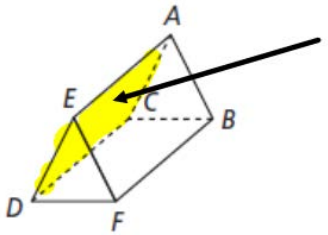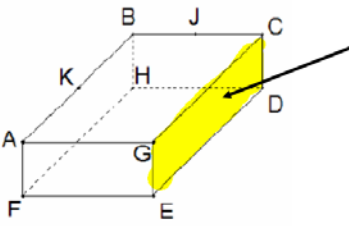19. Name the intersection of plane P and plane Q.

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 $\overleftrightarrow{AK}$ and $\overleftrightarrow{CB}$?

23. Name 3 collinear points.

1.1 CORRECTIVE ASSIGNMENT ANSWERS

1. there are a bunch, here are a couple of examples: $\overrightarrow{TS}$, $\overrightarrow{TX}$, $\overrightarrow{TZ}$ Don't freak out if you don't see yours, it could still be right!	2. there are a bunch, here are a couple examples: $\overline{XT}$, $\overline{ZT}$, $\overline{TS}$	3. $\overrightarrow{TS}$ and $\overrightarrow{TX}$	4.
5. there are a bunch, examples: *PTN*, *RTQ*	6. there are a bunch, example: *RPQN*	7. $\overrightarrow{PN}$	8. point *T*
9.	10. 2 possible answers $\overrightarrow{TR}$ and $\overrightarrow{TQ}$ or $\overrightarrow{TP}$ and $\overrightarrow{TN}$	11. plane *RPT*	12. Bob, any 3 points are coplanar. It may not be drawn on the picture, but you could draw it in. Just like any 2 points are collinear.
13. there are a bunch, here are a couple examples: *EABF*, *DCBF*	14. there are a bunch, here is an example: *DEFC*	15. none, they don't intersect.	16.
17. there are a bunch, here are some examples: $\overrightarrow{CA}$, $\overrightarrow{CB}$, $\overrightarrow{CD}$	18. Sarah, the rays do not go in opposite directions to form a line so they are NOT opposite rays.	19. $\overleftrightarrow{AB}$	20.
21. any 2 of these: $\overline{HB}$, $\overline{HD}$, $\overline{HF}$	22. point *B*	23. *AKB*	