

Linear Relationships 3  
Geometry

Refer to the figures at the right for problems 1 - 6.  
Name the segments that intersect the given segment.

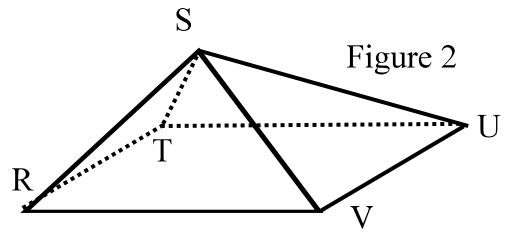
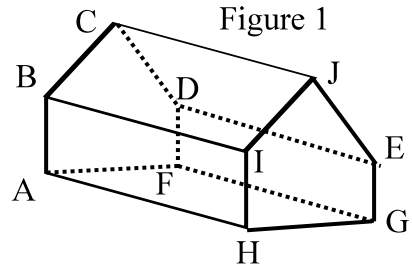
- 1)  $\overline{JI}$  in fig. 1      2)  $\overline{SV}$  in fig. 2

Name the segment(s) that are parallel to the given segment.

- 3)  $\overline{DF}$  in fig. 1      4)  $\overline{RT}$  in fig. 2

Name the segments that are skew to the given segment.

- 5)  $\overline{HG}$  in fig. 1      6)  $\overline{TU}$  in fig. 2



Using the Diagram below, for the pair of angles given, identify the transversal and classify the angles.

- 7)  $\angle 4$  and  $\angle 6$       8)  $\angle 3$  and  $\angle 12$
- 9)  $\angle 23$  and  $\angle 13$       10)  $\angle 15$  and  $\angle 20$
- 11)  $\angle 7$  and  $\angle 17$       12)  $\angle 24$  and  $\angle 16$
- 13)  $\angle 21$  and  $\angle 15$       14)  $\angle 13$  and  $\angle 22$
- 15)  $\angle 12$  and  $\angle 5$       16)  $\angle 24$  and  $\angle 15$
- 17)  $\angle 13$  and  $\angle 21$       18)  $\angle 23$  and  $\angle 15$
- 19)  $\angle 4$  and  $\angle 12$       20)  $\angle 2$  and  $\angle 11$
- 21)  $\angle 6$  and  $\angle 12$       22)  $\angle 19$  and  $\angle 5$
- 23)  $\angle 1$  and  $\angle 12$       24)  $\angle 18$  and  $\angle 22$
- 25)  $\angle 18$  and  $\angle 8$       26)  $\angle 10$  and  $\angle 3$
- 27)  $\angle 14$  and  $\angle 24$       28)  $\angle 11$  and  $\angle 6$

