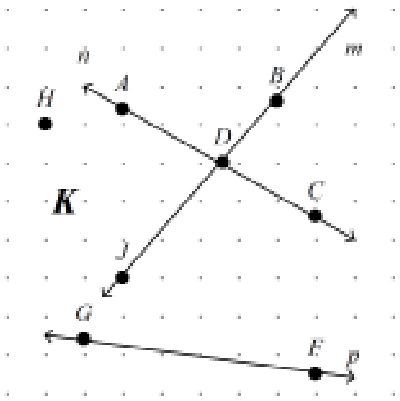
Name: _____ **Period:** _____ **Date:** _____ **ID: A**

SHOW ALL WORK **NO WORK = NO CREDIT**

Unit 7 Geometry Quiz Review: 1.1-1.2

Use the figure below for problems #1-9.



1 Name the intersection of lines *m* and *n*.

_____

2 What is another name for line *n*?

_____

3 Name a line that contains point *J*.

A. $\overleftrightarrow{DB}$
B. $\overleftrightarrow{GF}$
C. *n*
D. *p*

4 Name a point NOT contained in lines *m*, *n*, or *p*.

F. *A*
G. ***K***
H. *H*
I. *D*

5 Name the plane containing lines *m* and *p*.

A. *n*
B. *GFC*
C. *H*
D. *JDB*

6 What is another name for line *n*?

F. line *JB*
G. $\overleftrightarrow{DC}$
H. $\overleftrightarrow{GF}$
I. *AC*

7 Name the intersection of lines *m* and *n*.

A. ***K***
B. $\overleftrightarrow{DC}$
C. *B*
D. *D*

8 What is another name for line *m*?

F. line *JG*
G. $\overleftrightarrow{JGB}$
H. *DB*
I. line *JB*

9 Which of these is NOT a way to refer to line *BD*?

A. $\overleftrightarrow{JB}$
B. *m*
C. $\overleftrightarrow{JDB}$
D. line *JD*

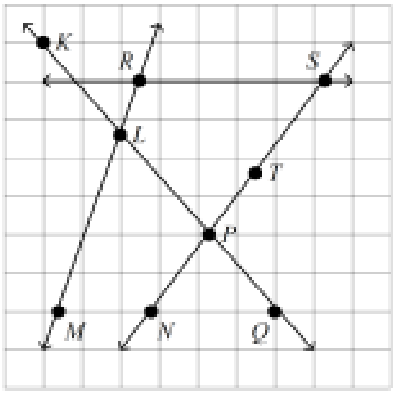
10 Let *E* be between *F* and *G*. Draw a picture to represent the problem. Use the **Segment Addition Postulate** to solve for *u*.

$FE = 7u - 6$
$EG = 2u - 21$
$FG = 36$

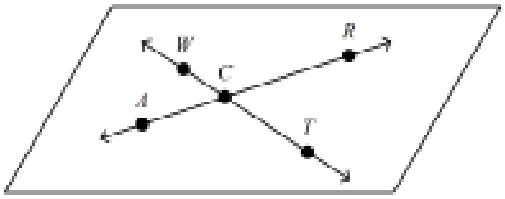
_____

SHOW ALL WORK! **NO WORK = NO CREDIT**

11 Name three points that are collinear._____



12 Name two lines in the figure.

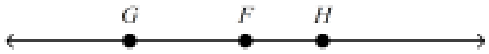


F. A and T
G. WCR and TRA
H. $\overleftrightarrow{WC}$ and $\overleftrightarrow{CR}$
I. $\overleftrightarrow{WC}$ and $\overleftrightarrow{WT}$

13 Which of the following shows a pair of opposite rays $\overrightarrow{FG}$ and $\overrightarrow{FH}$?

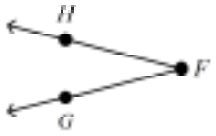
A.

B.

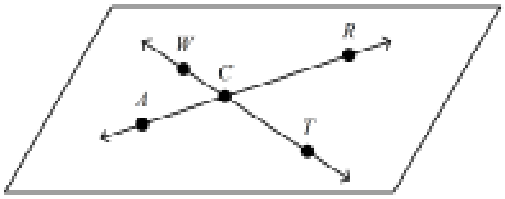


C.

D.

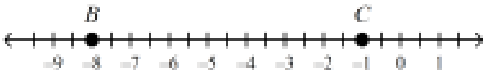


14 Name a plane that contains $\overleftrightarrow{AC}$.



F. plane ACR
G. plane WCT
H. plane WRT
I. plane RCA

15 Find the length of $\overline{BC}$.



A. $BC = -7$
B. $BC = -9$
C. $BC = 7$
D. $BC = 8$

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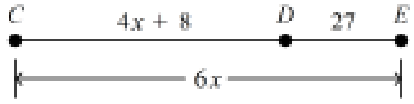
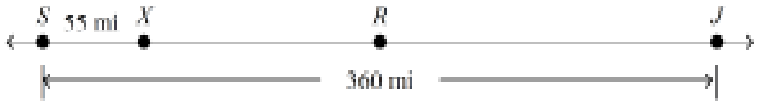
16 D is between C and E. $CE = 6x$, $CD = 4x + 8$, and $DE = 27$. Find CE.



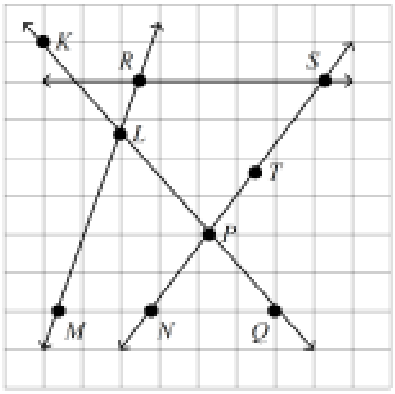
F. $CE = 17.5$
G. $CE = 78$
H. $CE = 105$
I. $CE = 57$

17 The map shows a linear section of Highway 35. Today, the Ybarras plan to drive the 360 miles from Springfield to Junction City. They will stop for lunch in Roseburg, which is at the midpoint of the trip. If they have already traveled 55 miles this morning, how much farther must they travel before they stop for lunch?



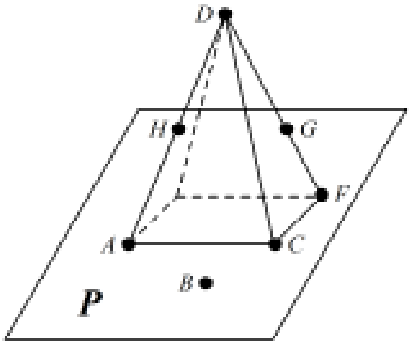
A. 125 mi
B. 145 mi
C. 180 mi
D. 305 mi

18 Name three points that are collinear.



F. M, L, R
G. L, P, T
H. Q, L, M
I. R, S, K

19 Are points A, B, C, and G coplanar? yes or no



_____

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Find the measurement of the segment.

20 *PR* = 18.8 mm, *RS* = 13.7 mm

PS = ?

F. 32.7 mm
G. 5.1 mm
H. 32.5 mm
I. 32.4 mm

21 If *RS* = 37.2 and *QS* = 63.7, find *QR*._____

Refer to Figure 2 for #22-24.

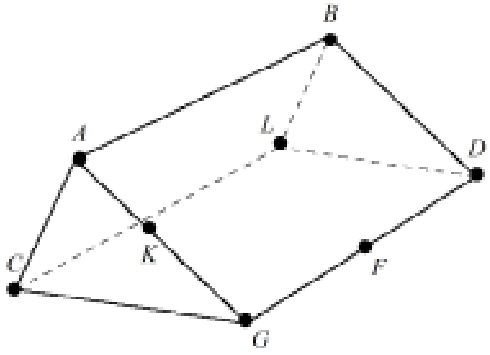

Figure 2

22 Name an intersection of plane *GFL* and the plane that contains points *A* and *C*.

F. line *LC*
G. *C*
H. line *AC*
I. plane *CAB*

23 Name the intersection of plane *KCG* and a plane that contains points *L* and *D*.

A. plane *DGC*
B. *C*
C. line *LC*
D. line *CG*

24 Which plane(s) contain point *K*?

F. plane *AGC*
G. plane *ADB*, plane *ALC*
H. plane *CAG*, plane *ABD*
I. plane *DBA*

Unit 7 Geometry Quiz Review: 1.1-1.2
Answer Section

1. *point D*
2. $\overleftrightarrow{AC}$ *or* $\overleftrightarrow{AD}$ *or* $\overleftrightarrow{CD}$(sample answers)
3. A
4. H
5. B
6. G
7. D
8. I
9. C
10. $u = 7$
11. *sample answer: P,T,S*
12. H
13. B
14. H
15. C
16. H
17. A
18. F
19. no
20. H
21. 26.5
22. F
23. D
24. H