Name:_____Date_____Per:_____

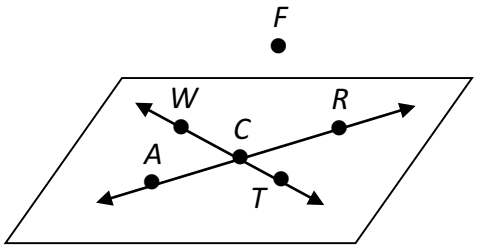
Geometry Test 1 Review

1. Solve and justify the equation below

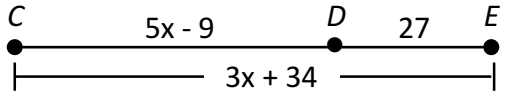
$3(x-7)=2(3x+9)$	
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.

2. Draw and label a pair of opposite rays $\overrightarrow{FG}$ and $\overrightarrow{FH}$.

3. Name a plane that contains *AC*.

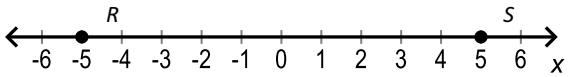


4. Use the figure below to solve for *x*.



5. What are the coordinates of the center of a circle, whose diameter has endpoints at (–5, 7) and (8, 14)?

6. Find the point *P* that lies along the line segment from point *R* (-5) to point *S* (5) and partitions the segment in the ratio 1 : 4.



7. $\overline{TA}$ has point *T* at (–5, 8), and midpoint *E* at (2, –1). What are the coordinates of the other endpoint *A*?

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8. When bisecting a line segment, place the stylus on one point of the segment and set the compass width to

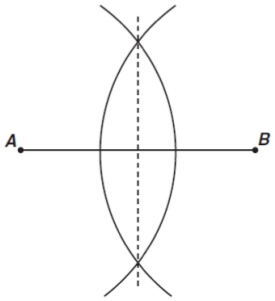
_____

the distance of the segment.

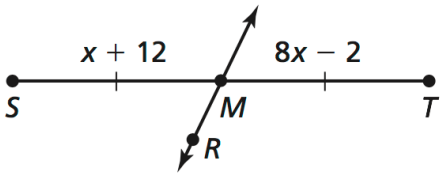
9. On a gridded map, position *A* is at (-3, 2) and position *B* is at (6, 3). Find AB.

10. Put the steps in order to copy a segment.

11. What geometric construction is shown in the diagram below?



12. Find x.



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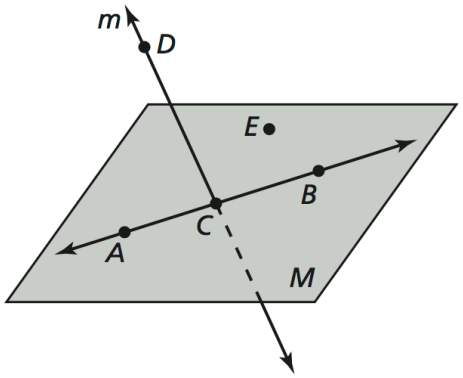
For questions 13-15 use the diagram.

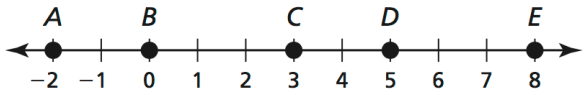


13. Give two other names for $\overleftrightarrow{CD}$.

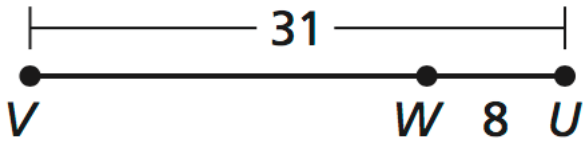
14. Give another name for plane *M*.

15. Name three points that are collinear.

16. Find the length of $\overline{AD}$



17. Find *VW*



Know your vocabulary! There will be a matching section for this and/or true and false.
Do not forget you can use a notecard which I will check. NOT ALLOWED TO REWITRE THE REVIEW ON A NOTECARD. I will check and collect your note card with your tests.