

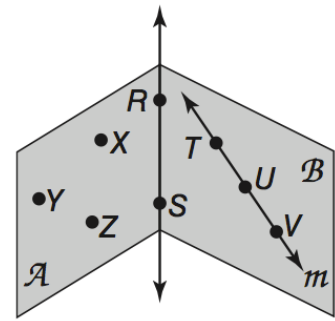
Chapter 1 Review

A

Use the figure shown for #1-3.

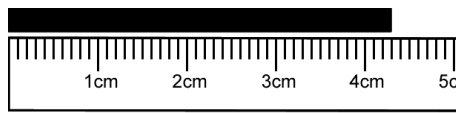
1. _____
2. _____
3. _____

1. What is another name for line m ?
2. Name a point on plane A .
3. Where do plane A and plane B intersect?



4. _____

4. What is the length of the bar shown?

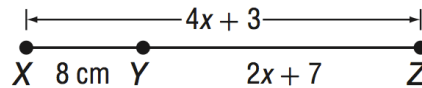


5. _____

5. Find the length of \overline{AB} if B is between points A and C , $AC = 12\text{cm}$, and $BC = 3\text{cm}$.

6. _____

6. Find the length of \overline{XZ} .



7. _____

7. Find the value of x if S is between R and T , $RS = x + 3$, $ST = 5x$, and $RT = 57$.

8. _____

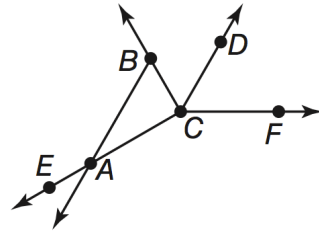
8. Find the distance between $H(-2, 3)$ and $K(5, 3)$.

9. _____

9. Find the coordinates of the midpoint of \overline{AR} if $A(-3, 4)$ and $R(5, -4)$.

Use the figure at right to answer # 10-11.

10. _____ 10. Is $\angle ACD$ acute, obtuse, or right?



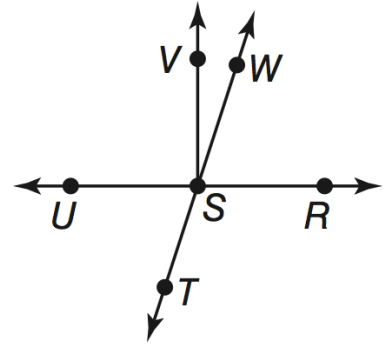
11. _____ 11. If \overline{CD} bisects $\angle BCF$, what angle is congruent to $\angle DCF$?

Use the figure at right to answer # 12-15.

12. _____ 12. A linear pair is angle USV and what other angle?

13. _____ 13. What angle is vertical to $\angle WSR$?

14. _____ 14. If $m\angle TSU = 47^\circ$, what is the measure of $\angle RSW$?



15. _____ 15. If $m\angle VSR = 8x + 18$, find the value of x so that $\overline{US} \perp \overline{VS}$.