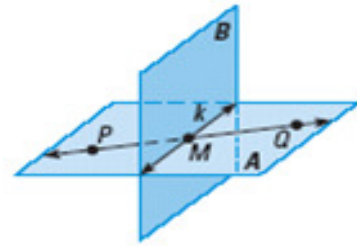


Practice Worksheet for Lesson 1-2

Name:

Mailbox #:

Use the diagram at the right.



Classify each statement as true or false. If the statement is false, correct it to make it true.

1) Line k is in plane A .

4) M is on line k .

2) B contains line k .

\longleftrightarrow
5) PQ is in B

3) A and B contain P .

Use the diagram at the right and your vocabulary terms to answer the following.

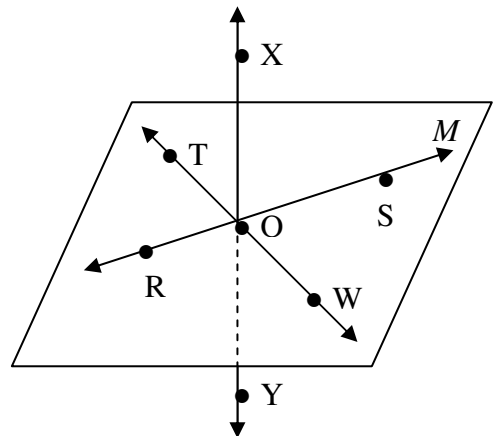
6) List another way you could name $\longleftrightarrow RS$

7) X , O , and Y are _____ points.

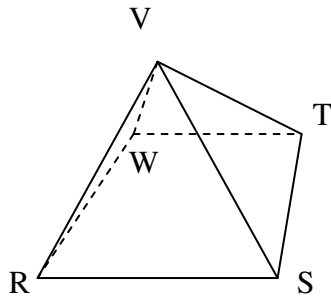
8) R , O , and W are _____ points.

9) $\longleftrightarrow XY$ _____ plane M at O .

10) List another way you could name plane M .



11) Make a sketch showing four coplanar points such that three, but not four, of them are collinear.



Use the pyramid at the left to answer the following.

12) Name the five planes of the pyramid

15) Name two planes that intersect in line ST.

16) Name a line and a plane that intersect in a point.

13) Are there any planes that do not intersect?

14) Name the three lines that intersect at point R.

Answer the following with yes or no.

17) Can two horizontal planes intersect?

18) Can two vertical planes intersect?

19) If you have a line in a vertical plane does it have to be a vertical line?