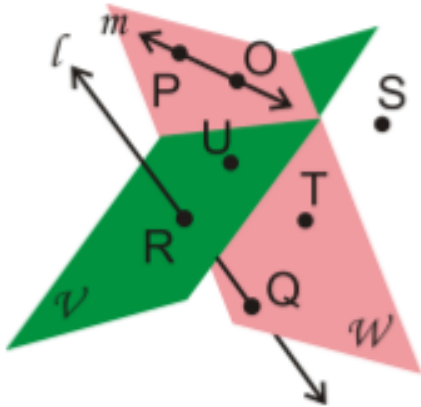# Points, Lines, and Planes Homework

You must write out all questions or print this page. Writing the answers alone is insufficient. It is not necessary for you to print this out if you do not wish to. You may do your work on a blank piece of paper.
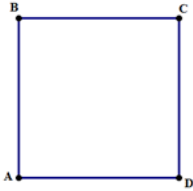

Use the diagram above to answer the following questions.

1. Name three points on plane $\mathcal{W}$.

2. Name a line that passes through plane $\mathcal{V}$.

3. Name a line on plane $\mathcal{V}$.

4. Name 4 collinear points.

5. Name 4 coplanar points.

6. Name 2 collinear points that are not shown to be on the same plane in the diagram.
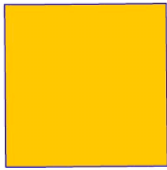
If all of the following questions are answered correctly, you will receive a free 100 to use to replace any Checkpoint grade you want.

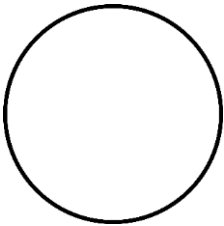How many dimensions do each of the following figures have?

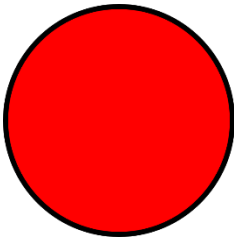7. An empty square (just the outline)
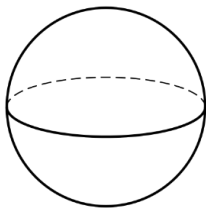
8. A filled square.

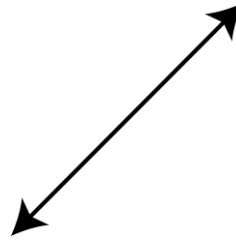9. An empty circle (just the outline)
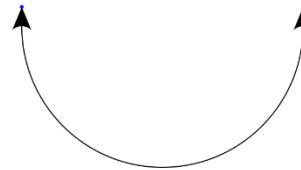
10. A filled circle

11. An empty sphere

12. A filled sphere

13. A line

14. A curved line

15. A squiggly line