Date: $\qquad$ Period $\qquad$ HW 1.2 Points, Lines, and Planes

1. Use the diagram to answer the following questions.
a. How many points appear in the figure? $\qquad$
b. Name a line containing point $V$. $\qquad$
c. Name the intersection of lines $a$ and $b$. $\qquad$
d. Give another name for line $b$. $\qquad$

e. Name three non-collinear points. $\qquad$
f. Give another name for plane $D$. $\qquad$
2. Use the diagram to answer the following questions.
a. How many lines appear in the figure? $\qquad$
b. Name three collinear points. $\qquad$
c. Name four non-coplanar points. $\qquad$
d. Five another name for line e. $\qquad$
e. Name the intersection of $\overleftrightarrow{P Q}$ and $\overleftrightarrow{M O}$. $\qquad$
f. Name the intersection of plane K and line c . $\qquad$

3. Use the diagram to answer the following questions.
a. How many planes appear in the figure? $\qquad$
b. Name three collinear points. $\qquad$
c. Name four coplanar points. $\qquad$
d. Name the intersection of $\overline{A D}$ and $\overline{D F}$. $\qquad$

