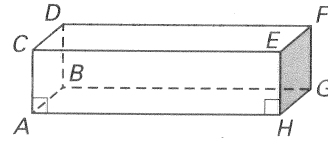


1. Use the figure to fill in the blank with *parallel*, *perpendicular*, or *skew*. (Hint: section 3.1)

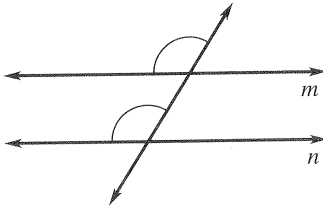
a)  $\overline{CE}$  and  $\overline{AC}$  are \_\_\_\_\_

b)  $\overline{EH}$  and  $\overline{AB}$  are \_\_\_\_\_

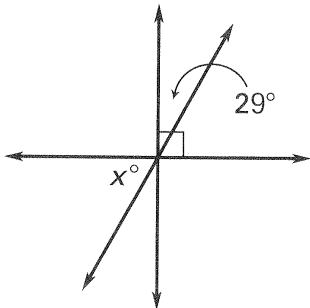
c) Plane  $DBG$  and plane  $AHE$  are \_\_\_\_\_



2. What postulate/theorem would you use to prove  $m \parallel n$ ? (Hint: section 3.4)



3. Find the value of  $x$ . (Hint: section 3.2)



4. Find the value of  $x$  and  $y$ . (Hint: section 3.3)

