

Do-now:

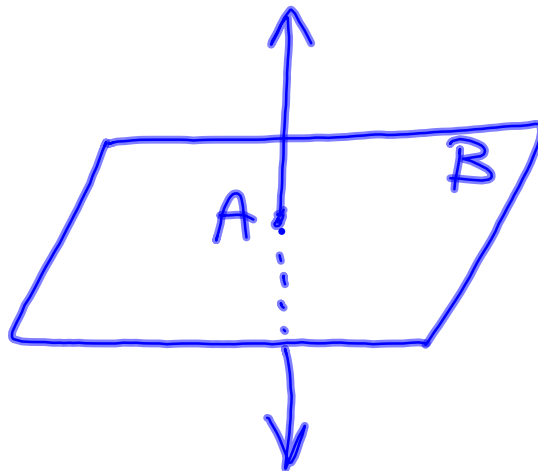
Turn in homework. (Classwork from yesterday.)

## ANSWERS TO MATCHING GAME

1	2	3	4	5	6	7	8
F	G	A	B	C	D	E	H

Point  $A$  lies in plane  $\mathcal{B}$ . How many lines can be drawn perpendicular to plane  $\mathcal{B}$  through point  $A$ ?

- 1) 1      2) 2      3) 0      4) infinite



If  $\overleftrightarrow{AB}$  is contained in plane  $P$ , and  $\overleftrightarrow{AB}$  is perpendicular to plane  $R$ , which statement is true?

- ~~1)  $\overleftrightarrow{AB}$  is parallel to plane  $R$~~
- 2) Plane  $P$  is parallel to plane  $R$
- ~~3)  $\overleftrightarrow{AB}$  is perpendicular to plane  $P$~~
- 4) Plane  $P$  is perpendicular to plane  $R$

Plane  $A$  is parallel to plane  $B$ . Plane  $C$  intersects plane  $A$  in line  $m$  and intersects plane  $B$  in line  $n$ . Lines  $m$  and  $n$  are

- 1) intersecting
- 2) parallel
- 3) perpendicular
- 4) skew

