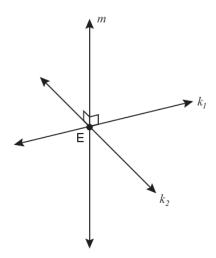
Name	.i			_		Date:	i	_Period:	
Plane	Geome	etry Questio	ns						
			<u>Plane Ge</u>	<u>eometry</u>	Question	<u>s:</u>			
1.	a.	If two lines intersect, then only one plane contains both of those lines.  a. True  b. False							
2.	a.	o points lie i True False	n a plane, the	e line jo	ning then	n also lies	in the	same plane.	
3.		endicular to l	m. What is th ine <i>m</i> and pas b. 2			•	nat are d. inf		
4.	<ul> <li>In three-dimensional space, two planes are parallel and a third plane intersects both of the parallel planes. The intersection of the planes is a</li> <li>a. plane</li> <li>b. point</li> <li>c. pair of parallel lines</li> <li>d. pair of intersecting lines</li> </ul>								
5.	<ul> <li>Line k is drawn so that it is parallel to two distinct planes, P and R. What must be true about planes P and R?</li> <li>a. Planes P and R are skew</li> <li>b. Planes P and R are parallel</li> <li>c. Planes P and R are perpendicular</li> <li>d. Plane P intersects plane R but is not perpendicular to plane R.</li> </ul>								
6.	a. b. c.	they are pe	arallel ect but are r						

7. Lines  $k_1$  and  $k_2$  intersect at point E. Line m is perpendicular to lines  $k_1$  and  $k_2$  at point E.



Which statement is always true?

- a. Lines  $k_1$  and  $k_2$  are perpendicular
- b. Line m is parallel to the plane determined by lines  $k_1$  and  $k_2$
- c. Line m is perpendicular to the plane determined by  $k_1$  and  $k_2$
- d. Line m is coplanar with lines  $k_1$  and  $k_2$