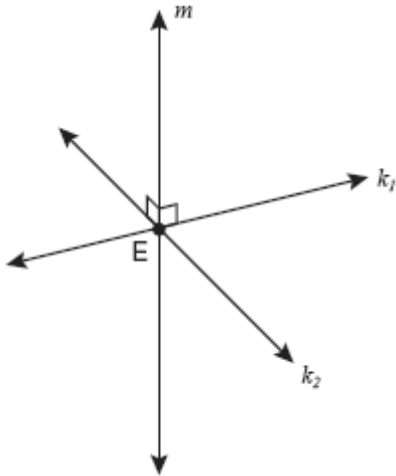


NAME: _____

G.G.1: Know and apply that if a line is perpendicular to each of two intersecting lines at their point of intersection, then the line is perpendicular to the plane determined by them

1. fall0816ge, P.I. G.G.1

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] Line m is perpendicular to the plane determined by lines k_1 and k_2 .
- [B] Lines k_1 and k_2 are perpendicular.
- [C] Line m is parallel to the plane determined by lines k_1 and k_2 .
- [D] Line m is coplanar with lines k_1 and k_2 .

G.G.1: Know and apply that if a line is perpendicular to each of two intersecting lines at their point of intersection, then the line is perpendicular to the plane determined by them

[1] A _____