

WORKSHEET

DISTANCE IN 3D GEOMETRY

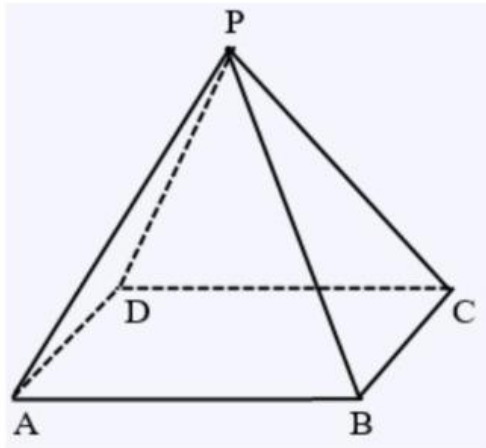
POINT-TO-LINE DISTANCE



NAME/GROUP _____

Write your answers on the provided box.

1. Look at the following square pyramid.



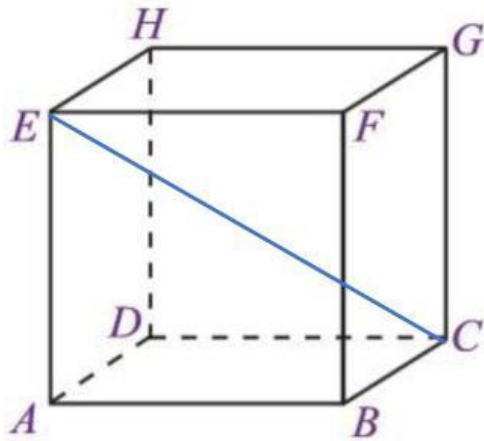
Given a square pyramid $P.ABCD$ with $AB = 8$ cm

and $AP = 10$ cm.

Find the distance of

- a. point A to line BD
- b. point C to line AP

2. A cube $ABCD.EFGH$ has side length 12 cm.



Find the distance of point A to line EC .

