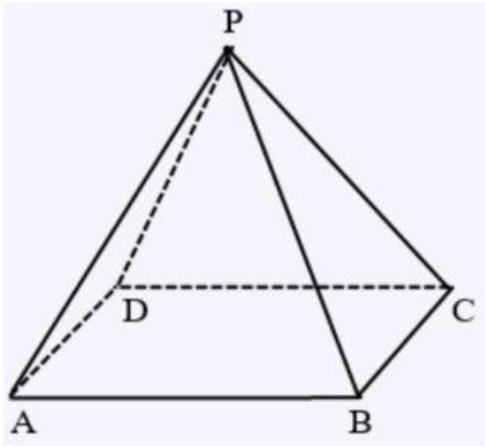# WORKSHEET

DISTANCE IN 3D GEOMETRY

POINT-TO-LINE DISTANCE

NAME/GROUP

Write your answers on the provided box.

1. Look at the following square pyramid.
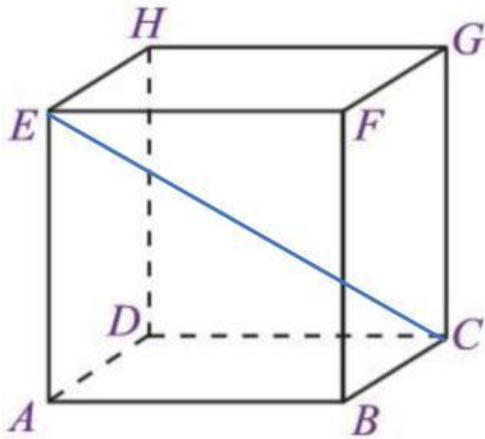

Given a square pyramid *P.ABCD* with *AB* = 8 cm
and *AP* = 10 cm.
Find the distance of
a. point *A* to line *BD*
b. point *C* to line *AP*

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

Find the distance of point *A* to line *EC*.