Find any point on plane P1 or P2, e.g. point P: (-1,0,0) is on plane P. Now find distance from that point to the other plane using technique from (17a).

on plane P_2 .

Q(5,0,0) Q(5,0,0)on plane P_2 . Q(5,0,0)

[P1(-1,0,0)] The point Q: (5,0,0) is

The vector (1, -2, 5) 1 /2

Li can be any scalar multiple of <1,-2, 52, e.g. we can choose n=2<1,-2, =>=<2,-4,57.]

By (17a), $d = \frac{|QP.\vec{n}|}{||\vec{n}||} = \frac{|-12|}{|4+16+25|} = \frac{12}{|45|}$