How do we relate z lanes?

Do Now A: 2x-3y+52=10 NA <2,-3,5>

B: -4x+69-102=1 NB <-4,6,-10>

Find normal vectors of A&B.

A //B

Find an eq. of intersection

Let
$$x=0$$
, $-34+25=10$ $55=-2$ $5=-\frac{5}{2}$

Let
$$X=1, -3y+58=8$$
? $22=-4$ $2=-2$ $y=-6$

$$r(t) = <1,-6,-2> + t < 1,\frac{3}{2},\frac{1}{2}>$$

A:
$$X-2y+52=10$$

B: $4x-3y+62=12$

Let $X=0$, $-2y+52=10$
 $-3y+62=12$
 $3z=6$
 $3z=16$
 $3z=16$