

Scenarios

Do they meet? How do you know?

1.

Day	Digger #1		Digger #2	
	x	y	x	y
0	0	2	68	34
1	2	3	67	33.5
2				

2.

Day	Digger #1		Digger #2	
	x	y	x	y
0	3	5	60	24
1	6	6	57	23
2				

3.

Day	Digger #1		Digger #2	
	x	y	x	y
0	3	29	44	21
1	6	28	42	20.5
2				

4.

Day	Digger #1		Digger #2	
	x	y	x	y
0	0	10	15	41
1	1	12	13	37
2				

5.

Day	Digger #1		Digger #2	
	x	y	x	y
0				
1				
2				

These two ditches meet. I know this because

6.

Day	Digger #1		Digger #2	
	x	y	x	y
0				
1				
2				

These two ditches never meet. I know this because