

Your lesson today is to read about divergence in a plane in Thomas section 16.4 pages 1169 to 1171 up to the part about curl. Then, decide whether divergence at you is positive, negative, or negligible in the following cases.

- You are standing at the entrance to baseball stadium ten minutes before the game begins.
- You are sitting in the stands at a baseball game five minutes before the first pitch.
- You are sitting in the stands at a baseball game in the middle of the fourth inning.
- You are sitting in the stands at Dodger's Stadium in the eighth inning just after the other team hit a grand slam to go ahead 11 to 2.
- You threw a rock at a hornet's nest and they know you did it.
- Your friend just broke wind in a crowded shopping mall.
- You yell "fire" in a crowded movie theater.
- You yell "free beer here" in the middle of Ted Nugent concert.
- You are standing in the middle of a Ted Nugent concert (covering your ears) when the intercom announces "free beer outside".
- You stand in a zephyr.

After you have completed this extraordinarily rich and well-designed exercise, indicate that you have done so with this checkin:

0402 Vector Calculus Checkin