

Name _____



Date _____

Coordinate Geometry

(Answer ID # 0448760)

Determine whether the line AB is parallel to line CD, perpendicular to line CD, or neither.

1. Line AB: (2, -3) and (0, 0) Line CD: (-2, 5) and (0, -6)	2. Line AB: (-1, -7) and (-9, -2) Line CD: (-3, 4) and (-18, -20)
3. Line AB: (-3, -5) and (5, 5) Line CD: (-12, -14) and (-4, -4)	4. Line AB: (-7, -7) and (0, 1) Line CD: (6, -3) and (-2, -10)
5. Line AB: (5, 9) and (1, 3) Line CD: (-7, -8) and (-2, 5)	6. Line AB: (-2, 0) and (-5, -6) Line CD: (-1, 1) and (-4, -5)
7. Line AB: (-9, -3) and (5, 0) Line CD: (-8, 1) and (-2, -27)	8. Line AB: (-3, -1) and (-6, -9) Line CD: (2, -7) and (10, -4)
9. Line AB: (9, 5) and (-2, -5) Line CD: (-5, -4) and (25, -37)	10. Line AB: (2, -5) and (3, 3) Line CD: (-2, -1) and (9, -6)
11. Line AB: (10, 3) and (-15, -17) Line CD: (-5, -5) and (35, 45)	12. Line AB: (8, 6) and (-6, -15) Line CD: (22, 20) and (8, -1)
13. Line AB: (19, -19) and (-14, -6) Line CD: (-12, -17) and (-103, -248)	14. Line AB: (8, 13) and (5, 5) Line CD: (-4, -3) and (28, 9)
15. Line AB: (2, -8) and (17, -1) Line CD: (11, 1) and (26, 8)	16. Line AB: (19, 18) and (13, 5) Line CD: (-3, 7) and (-3, -9)
17. Line AB: (42, 33) and (-26, -59) Line CD: (116, 107) and (48, 15)	18. Line AB: (76, 97) and (-47, -87) Line CD: (-70, 19) and (850, -596)

Answer Key 0448760

- 1 not parallel
- 2 perpendicular
- 3 parallel
- 4 parallel
- 5 not parallel
- 6 parallel
- 7 perpendicular
- 8 parallel
- 9 perpendicular
- 10 not parallel
- 11 parallel
- 12 parallel
- 13 perpendicular
- 14 parallel
- 15 parallel
- 16 not parallel
- 17 parallel
- 18 perpendicular