

Map Grids and Directions

Grade 3 • SOCIAL-STUDIES • Students use simple grid coordinates and cardinal directions to locate places and describe movement on maps. • Standards: D2.Geo.1.3-5

Use the grid maps and descriptions to answer questions about locations and directions. On these grids, letters name the rows (A is at the top) and numbers name the columns. Remember that north is up, south is down, east is right, and west is left on a map.

1. Look at this grid. The library is at B2. The rows are labeled with letters (A, B, C) and the columns are labeled with numbers (1, 2, 3). What letter-number pair shows where the library is located?
2. On a grid map, the park is at C1. If you move one space north from the park, what coordinate will you reach?
3. The school is at A3 on the grid. If you move two spaces west from the school, what coordinate will you reach?
4. On a grid, the fire station is at B2 and the hospital is at B4. In which direction would you travel to go from the fire station to the hospital?
5. The post office is at D3. If you travel north two spaces and then east one space, what coordinate will you reach?
6. A museum is at E2 and a zoo is at A2. How many spaces and in which direction must you travel to go from the museum to the zoo?
7. Starting at C5, you move west three spaces, then south two spaces. What coordinate do you reach?
8. The bakery is at B1, the flower shop is at B3, and the toy store is at D3. If you walk from the bakery to the flower shop and then to the toy store, which two directions did you travel?
9. A treasure map shows a tree at F4. The directions say to go north 3 spaces, west 2 spaces, and then north 1 more space. What coordinate shows where the treasure is

buried?

10. On a grid with rows A through F and columns 1 through 6, a bus starts at D6. It travels west 4 spaces, north 2 spaces, east 1 space, and south 1 space. What is the final coordinate of the bus?

Answer Key — Map Grids and Directions

For the teacher / parent. Do not distribute with the worksheet.

1. B2 (*The library is at row B, column 2, which is written as B2.*)
2. B1 (*Moving north means moving up one row from C to B, staying in column 1.*)
3. A1 (*Moving west means moving left. From column 3, move two spaces left to column 1, staying in row A.*)
4. east (*Both are in row B. Moving from column 2 to column 4 means moving right, which is east.*)
5. B4 (*Starting at D3, move north two spaces to B3, then move east one space to B4.*)
6. 4 spaces north (*Both are in column 2. From row E to row A is 4 rows up, which is north.*)
7. E2 (*From C5, move west three spaces to C2, then move south two spaces to E2.*)
8. east, then south (*B1 to B3 is moving right (east), then B3 to D3 is moving down (south).*)
9. B2 (*From F4, move north 3 to C4, then west 2 to C2, then north 1 to B2.*)
10. C3 (*From D6, move west 4 to D2, north 2 to B2, east 1 to B3, and south 1 to C3.*)