

CAMPUS WAYFINDING CHALLENGE

GRADE 8 MATHEMATICS

Pair members: _____ Section: _____ Date: _____

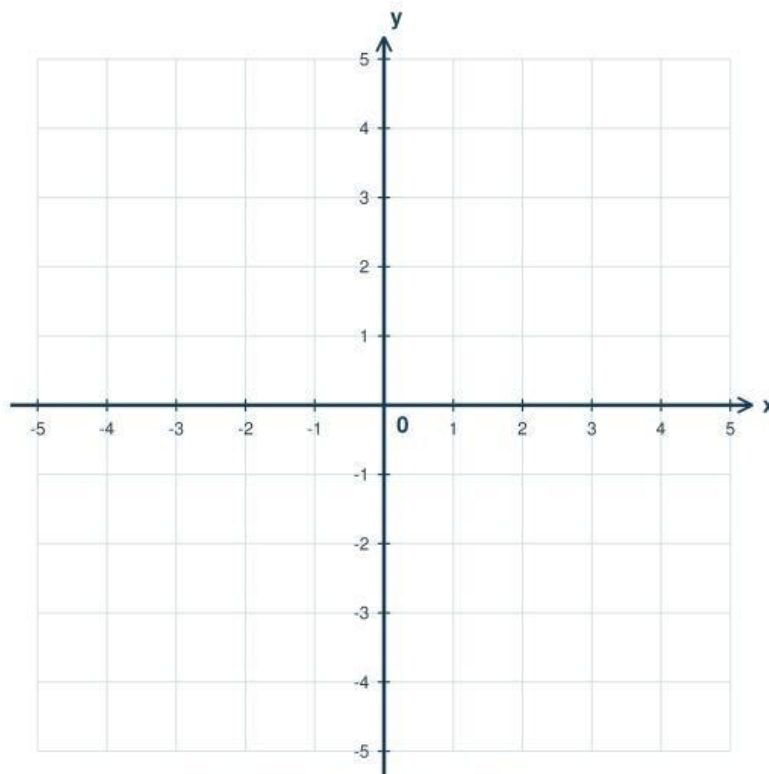
PAGE 1 - PLOT 10 CAMPUS LOCATIONS

PAGE 1 OF 2

Plot each numbered location. Each square represents 1 unit; write its number beside the point.
These are practice coordinates on a schematic grid, not actual campus positions.

PLOT AND LABEL LOCATIONS IN ORDER

- | | | | |
|------------------------|--------|-----------------------------|----------|
| 1 Main Entrance Gate | (1, 2) | 6 Gymnasium | (-2, 3) |
| 2 High School Building | (3, 1) | 7 Welding Shop | (-3, -2) |
| 3 NC Cafeteria | (2, 4) | 8 Carpentry | (2, -4) |
| 4 Grade School | (4, 3) | 9 FU Dormitory | (0, 4) |
| 5 SAT Building | (5, 1) | 10 Outdoor Basketball Court | (-4, 0) |



Start at (0, 0). Move along x first, then y.

PARTNER CHECK: Take turns plotting. Check coordinate signs and point labels.

Transfer Activity | Cartesian Plane

CAMPUS WAYFINDING CHALLENGE

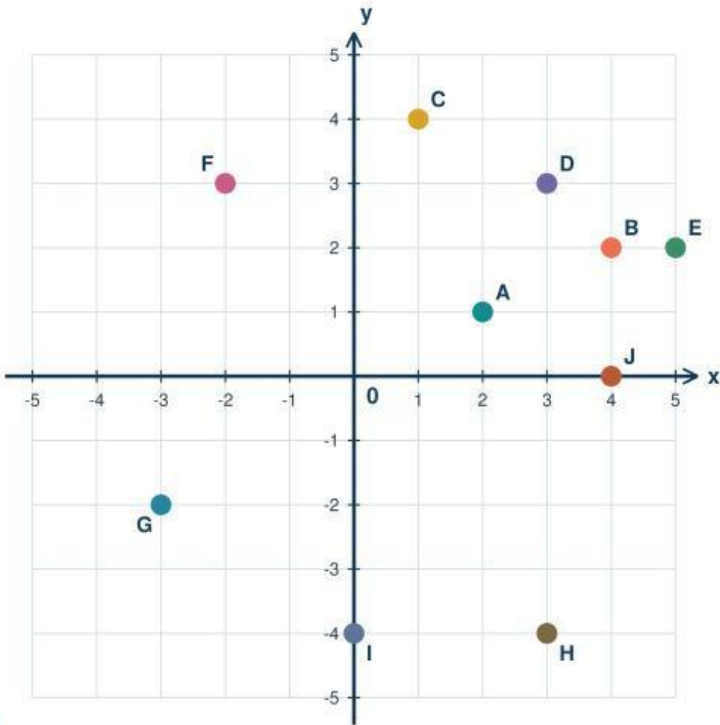
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PAGE 2 - DETERMINE 10 POINTS

PAGE 2 OF 2

Read each labeled point. Write its ordered pair (x, y) and quadrant.
Write x-axis or y-axis if a point lies on an axis.



RECORD YOUR ANSWERS

Point	Ordered pair	Quadrant or axis
1. A		
2. B		
3. C		
4. D		
5. E		
6. F		
7. G		
8. H		
9. I		
10. J		

PARTNER CHECK: Compare answers. Check x first, y second, and the signs.

Transfer Activity | Cartesian Plane