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| **Locating and Plotting Points in First Quadrant of Cartesian Plane** | | | |
| Uses coordinates to describe the location of points on a grid.    “The coordinates of Point A are  (2, 6).” | Plots and identifies points with decimal coordinates on a grid with various scales.    “The bumper cars are at (7.5, 5).” | Translates a point and identifies coordinates of its image.    “I translated Point A right 9 units and up 10.5 units to A’(18, 22.5).” | Flexibly predicts the location and coordinates of a point after  a translation.    “The translation was left 30 units and down 15 units. So, I subtracted 30 from the *x*-coordinate and 15 from the *y*-coordinate:  (40 – 30, 45 – 15) 🡪 B’(10, 30).” |
| **Observations/Documentation** | | | |
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