



## Cartesian Grid - Translation of Point (Coordinates to Coordinates) in Two Dimensions (Vector)

|   |         |         |         |   |         |         |        |
|---|---------|---------|---------|---|---------|---------|--------|
| <b>1</b> Translate point (0,1) by (1,-2)    |         | (0,1)   |         | <b>2</b> Translate point (-4,4) by (0,-2)   |         | (-4,4)  |        |
| A   | (1,1)   | B       | (1,-1)  | A   | (2,-4)  | B       | (-4,2) |
| <b>3</b> Translate point (-2,1) by (-1,2)   |         | (-2,1)  |         | <b>4</b> Translate point (-3,-2) by (1,2)   |         | (-3,-2) |        |
| A   | (-3,3)  | B       | (-3,-3) | A   | (0,2)   | B       | (-2,0) |
| <b>5</b> Translate point (-2,-3) by (-1,-1) |         | (-2,-3) |         | <b>6</b> Translate point (2,-3) by (2,0)    |         | (2,-3)  |        |
| A   | (-3,-4) | B       | (4,3)   | A   | (4,-3)  | B       | (-4,3) |
| <b>7</b> Translate point (-4,-3) by (0,2)   |         | (-4,-3) |         | <b>8</b> Translate point (-2,-2) by (-1,-1) |         | (-2,-2) |        |
| A   | (-4,-1) | B       | (4,-1)  | A   | (-3,-3) | B       | (3,3)  |