**Name the quadrant where each point is located.**

|  |  |  |  |
| --- | --- | --- | --- |
| **1.** | **5**  **4**    **3**  **2**    **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**    **-3**  **-4**    **-5** | **2.** | **5**  **4**    **3**    **2**  **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**    **-3**  **-5**  **-4** |
|  |  |  |  |

**Graph each point on a coordinate plane.**

|  |  |  |  |
| --- | --- | --- | --- |
| **3.** |  | **4.** |  |
|  | **5**  **4**    **3**  **2**    **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**    **-3**  **-4**    **-5** |  | **5**  **4**    **3**    **2**  **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**  **-3**  **-4**  **-5** |

**In which quadrant is each point located?**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **5.** |  | **6.** |  | **7.** |  |
|  |  |  |  |  |  |
| **8.** |  | **9.** |  | **10.** |  |
|  |  |  |  |  |  |
| **11.** |  | **12.** |  | **13.** |  |
|  |  |  |  |  |  |

**Give the coordinates of each point.**

|  |  |  |  |
| --- | --- | --- | --- |
| **14.** | **5**  **4**    **3**  **2**    **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**    **-3**  **-4**    **-5** | **15.** | **5**  **4**    **3**    **2**  **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**    **-3**  **-5**  **-4** |
|  |  |  |  |

**Graph each point on a coordinate plane and find the line segment lengths.**

|  |  |  |  |
| --- | --- | --- | --- |
| **16.** |  | **17.** |  |
|  | **5**  **4**    **3**  **2**    **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**    **-3**  **-4**    **-5** |  | **5**  **4**    **3**    **2**  **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**  **-3**  **-4**  **-5** |

**Graph each point on a coordinate plane and find the area of the figure.**

|  |  |  |
| --- | --- | --- |
| **18.** |  | |
|  | **5**  **4**    **3**  **2**    **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**    **-3**  **-4**    **-5** |  |

|  |  |  |
| --- | --- | --- |
| **19.** |  | |
|  | **5**  **4**    **3**  **2**    **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**    **-3**  **-4**    **-5** |  | |

**ANSWERS**

**Name the quadrant where each point is located.**

|  |  |  |  |
| --- | --- | --- | --- |
| **1.** | **5**  **4**    **3**  **2**    **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**    **-3**  **-4**    **-5** | **2.** | **5**  **4**    **3**    **2**  **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**    **-3**  **-5**  **-4** |
|  |  |  |  |

**Graph each point on a coordinate plane.**

|  |  |  |  |
| --- | --- | --- | --- |
| **3.** |  | **4.** |  |
|  | **5**  **4**    **3**  **2**    **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**    **-3**  **-4**    **-5** |  | **5**  **4**    **3**    **2**  **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**    **-3**  **-5**  **-4** |

**In which quadrant is each point located?**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **5.** |  | **6.** |  | **7.** |  |
|  |  |  |  |  |  |
| **8.** |  | **9.** |  | **10.** |  |
|  |  |  |  |  |  |
| **11.** |  | **12.** |  | **13.** |  |
|  |  |  |  |  |  |

**Give the coordinates of each point.**

|  |  |  |  |
| --- | --- | --- | --- |
| **14.** | **5**  **4**    **3**  **2**    **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**    **-3**  **-4**    **-5** | **15.** | **5**  **4**    **3**    **2**  **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**    **-3**  **-5**  **-4** |
|  |  |  |  |

**Graph each point on a coordinate plane and find the line segment lengths.**

|  |  |  |  |
| --- | --- | --- | --- |
| **16.** |  | **17.** |  |
|  | **5**  **4**    **3**  **2**    **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**    **-3**  **-4**    **-5** |  | **5**  **4**    **3**    **2**  **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**    **-3**    **-5**  **-4** |
|  | **is horizontal**  **is vertical** |  | **is horizontal**  **is vertical** |

**Graph each point on a coordinate plane and find the area of the figure.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **18.** |  | | | |
|  | **5**  **4**    **3**  **2**    **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**    **-3**  **-4**    **-5** | **is horizontal**  **is vertical** | | |
| **19.** |  | | |
|  | **5**  **4**    **3**    **2**  **1**  **0 1 2 3 4 5**  **-5 -4 -3 -2 -1**  **-2**    **-3**  **-4**  **-5** |  | **is horizontal**  **is vertical**  **SQUARE** |