|  |  |
| --- | --- |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Points, Lines and Planes

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1  C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | O |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2  P | L | A | N | E |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | L |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I |  |  | 3  C |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4  E | N | D | P | O | I | N | T |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | E |  |  | P |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 5  P | A | R | A | L | L | E | 6  L |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | R |  |  | A |  |  | I |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 7  L | I | N | E |  | N |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | A |  |  | E |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 8  P | E | R | P | E | N | D | I | C | U | L | A | R |  |  | S |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | E |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | G |  |  | 9  R |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | M |  |  | A |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10  O | 11  P | P | O | S | I | T | E | R | A | Y |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | O |  |  |  |  |  | N |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 12  M | I | D | P | O | I | N | T |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | N |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Across**  **2.** A flat surface that goes on forever in two directions; an infinite set of points; it has no thickness and is two dimensional.  **4.** Marks the end of a line segment or ray.  **5.** Lines that do not intersect but are in the same plane.  **7.** An infinite set of points that goes on forever; it has no thickness and it is one dimensional  **8.** Two lines that intersect to form right angles.  **10.** Two rays that share a common endpoint but extends in opposite directions and makes a line.  **12.** A point that divides a segment into two congruent segments. | **Down**  **1.** Points that lie on the same line.  **3.** Points that lie on the same plane.  **6.** Part of a line consisting of two end points and all the points between them.  **9.** Part of a line that starts at a particular point and extends infinitely in one direction.  **11.** marks a location and is named by a capital letter; it has no thickness and 0 dimension. |