**Directions:** You will be responsible for creating your Chapter 3 Vocab Journal entries. Below is a rubric to help guide your decisions about what to include in your entries.

IMPORTANT: absolutely no worked examples are to be included in your vocab journal.

**3.1 Reflections**

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| --- | --- | --- | --- |
| **Vocabulary Entry** | **Score 0** | **Score 1** | **Score 2** |
| Transformation | Missing. | Incomplete definition *and/or* four main types.  Visually unappealing and messy/disorganized. | Definition  Four main types of transformations.  Visually appealing. |
| Reflection | Missing. | Definition  Missing or incomplete visual example  Visually unappealing and messy/disorganized. | Definition  Visual example  Visually appealing. |
| Pre-Image and Image | Missing. | Missing part of all of Pre-Image or Image definition and notations.  Visually unappealing and messy/disorganized. | Pre-Image definition  Pre-Image Notation Ex.  Image definition  Image Notation Ex.  Visually appealing. |
| Horizontal Lines | Missing. | Missing the equation or the visual.  Visually unappealing and messy/disorganized. | Equation  Graph, meme or visual representing a horizontal line.  Visually appealing. |
| Vertical Lines | Missing. | Missing the equation or the visual.  Visually unappealing and messy/disorganized. | Equation  Graph, meme or visual representing a vertical line.  Visually appealing. |

**3.2 Translations**

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| **Vocabulary Entry** | **Score 0** | **Score 1** | **Score 2** |
| Translation | Missing. | Missing definition or visual.  Visually unappealing/messy. | Definition  Graph, meme, or visual representation of a translation.  Visually appealing. |
| Vector | Missing. | Missing definition or example.  Visually unappealing/messy. | Definition  Vector example (hint: use the one’s given in your notes!)  Visually appealing. |
| Coordinate Notation | Missing. | Missing definition or example.  Visually unappealing/messy. | Definition  Coordinate Notation example (hint: use the one’s given in your notes!)  Visually appealing. |

**3.3 Rotations**

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| --- | --- | --- | --- |
| **Vocabulary Entry** | **Score 0** | **Score 1** | **Score 2** |
| Rotation | Missing. | Missing definition or example.  Visually unappealing/messy. | Definition  Graph, meme, or visual representation of a rotation.  Visually appealing. |
| Clockwise Rotation  &  Counter-clockwise Rotation | Missing. | Missing definition or examples.  Visually unappealing/messy. | Definitions  Graph, meme, or visual representation of a Clockwise Rotation AND Counterclockwise Rotation.  Visually appealing. |
| Angle of Rotation | Missing. | Missing definition or examples.  Visually unappealing/messy. | Definition  Example of each of the *three angles* of rotation.  Visually appealing. |

**3.4 Parallel Lines and Angle Relationships**

\*Note 1: If you choose to use *one diagram* for all definitions the circling and identifying of angle relationships WILL get messy. It is advised you draw a diagram for *each* entry.

\*\*Note 2: Parallel lines and Transversal can share one diagram.

\*\*\*Note 3: You may type the theorems & postulates to be glued in.

\*\*\*\*Note 4: You MUST hand draw the diagrams.

|  |  |  |  |
| --- | --- | --- | --- |
| **Vocabulary Entry** | **Score 0** | **Score 1** | **Score 2** |
| Parallel Lines | Missing. | Definition  No diagram or missing any of the three required labels.  Visually unappealing/messy. | Definition  Diagram of two parallel lines cut by a transversal.  ~2-lines labeled  ~transversal named “t”  ~8 labeled angles  Visually appealing. |
| Transversal | Missing. |
| Corresponding Angles | Missing. | Definition  No diagram or missing any of the three required labels.  Did not identify corresponding angles.  Visually unappealing/messy | Definition  Diagram of two parallel lines cut by a transversal.  -2-lines labeled  -transversal named “t”  -8 labeled angles  Four pairs of corresponding angles identified.  Visually appealing. |
| Corresponding Angles Theorem | Missing. |  | Theorem |
| Alternate Interior Angles | Missing. | Definition  No diagram or missing any of the three required labels.  Did not identify alternate interior angles.  Visually unappealing/messy | Definition  Diagram of two parallel lines cut by a transversal.  -2-line names  -transversal named “t”  -8 labeled angles  Two pairs of alternate interior angles identified.  Visually appealing. |
| Alternate Interior Angles Theorem | Missing. |  | Theorem |
| Consecutive Interior Angles | Missing. | Definition  No diagram or missing any of the three required labels.  Did not identify consecutive interior angles.  Visually unappealing/messy | Definition  Diagram of two parallel lines cut by a transversal.  -2-line names  -transversal named “t”  -8 labeled angles  Two pairs of consecutive interior angles identified.  Visually appealing. |
| Consecutive Interior Angles Theorem | Missing. |  | Theorem |

**3.5 Proofs with Parallel Lines and Transversals**

\*Note: for 3.5 you *may* use one diagram to reference if you need it. However, each vocab term needs to have its own definition. These postulates and converses can be typed and glued in if you wish.

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| --- | --- | --- |
| **Vocabulary Entry** | **Score 0** | **Score 1** |
| Corresponding Angles Postulate | Missing. | Postulate |
| Alternate Interior Angles Postulate | Missing. | Postulate |
| Consecutive Interior Angles Postulate | Missing. | Postulate |
| Converse of Corresponding Angles Postulate | Missing. | Converse |
| Converse of Alternate Interior Angles Theorem | Missing. | Converse |
| Converse of Consecutive Interior Angles Theorem | Missing. | Converse |

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| 3.1 Reflections: | **10** |
| 3.2 Translations: | **12** |
| 3.3 Rotations: | **6** |
| 3.4 Parallel Lines and Transversal: | **14** |
| 3.5 Proofs with Parallel Lines with Transversals: | **6** |
| **Total Points Possible:** | **48pts** |