**MPS8:8 Summative Scoring Guide**

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| ITEM# | SR | CR  | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 1. |  | X | 4 |  |  |  |  |

Answer: Rectangular pyramid, faces = 5, vertices = 5, edges = 8

4 points: Exemplary response; name of figure correct, number of faces correct, number of vertices correct, and number of edges correct.

3 points: 3 of the above criteria correct

2 points: 2 of the above criteria correct

1 point: 1 of the above criteria correct

0 points: none of the above criteria correct.

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| 2. |  | X | 2 |  |  |  |  |

Answer: A prism has 2 bases that are the same figure and parallel sides. A pyramid has one base and triangular sides that join at a point.

2 points: exemplary response; correct answer and correct reason

 1 point: Either correct answer or correct reason, but not both

 0 point: Neither answer nor reason is correct

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| 3. |  | X | 4 |  |  |  |  |

Answer: Draw a mat plan for the 3-D figure below. Then draw the front view, side view, and top view.



Mat plan:

Front view:

Side view:

Top view:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ITEM# | SR | CR  | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 4. |  | X |  |  |  |  |  |

Answer: Use the mat plan below to draw a 3-D figure on isometric dot paper.

4 3 2 2

1 1 1