**MPS8:4 Summative Scoring Guide**

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| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 1. | D |  | 1 | G1A | 1 | A | Identify and classify 2 dimensional objects (DOK3) |

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| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 2. | C |  | 1 | G1A | 1 | A | Identify and classify 2 dimensional objects (DOK3) |

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| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 3. |  | X | 2 | G1A | 1 | B | Generalize relationships between 2 dimensional objects (DOK3) |

Answer: A square has 4 right angles but a rhombus does not.

2 points Exemplary response; Complete explanation

1 point partial explanation

0 points no correct explanation

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| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 4. |  | X | 2 | G1A | 1 | B | Generalize relationships between 2 dimensional objects (DOK3) |

Answer: An isosceles right triangle has 2 congruent sides making the right angle of a triangle and a scalene right triangle has no congruent sides.

2 points Exemplary response; Complete explanation

1 point partial explanation

0 points no correct explanation

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| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 5. | B |  | 1 | G1A | 1 | C | Recognize similar polygons and identify the different parts. (DOK3) |

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| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 6. | C |  | 1 | G1A | 1 | C | Recognize similar polygons and identify the different parts. (DOK3) |

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| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 7. |  | X | 2 | G1A | 1 | D | Use proportions to find indirect measure. (DOK3) |

Answer: 3.2 inches

2 points Exemplary response; correct work and correct answer

1 point one of the above criteria

0 points none of the above criteria

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| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 8. |  | X | 2 | G1A | 1 | D | Use proportions to find indirect measure. (DOK3) |

Answer: 16 feet, 6 inches

2 points Exemplary response; correct work and correct answer

1 point one of the above criteria

0 points none of the above criteria

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| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 9. | A |  | 1 | G3B | 2 | A | Use scale factor to enlarge and reduce various figures. (DOK2) |

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| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 10. | B |  | 1 | G3B | 2 | A | Use scale factor to enlarge and reduce various figures. (DOK2) |

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| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 11. | C |  | 1 | G3B | 2 | B | Compare the area from the original figure to the new figure. (DOK2) |

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| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 12. |  | X | 2 | G3B | 2 | B | Compare the area from the original figure to the new figure. (DOK2) |

Answer: 20 inches

2 points Exemplary response; correct work and correct answer

1 point one of the above criteria

0 points none of the above criteria

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| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 13. |  | X | 2 | G3B | 2 | C | Generalize the relationship between scale factor and area. (DOK2) |

Answer: 1:64

2 points Exemplary response; correct answer, correct work

1 point 1 of the above criteria

0 points none of the above criteria

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| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 14. |  | X | 2 | G3B | 2 | C | Generalize the relationship between scale factor and area. (DOK2) |

Answer: 1:8

2 points Exemplary response; correct answer, correct work

1 point 1 of the above criteria

0 points none of the above criteria