**MPS8:4 Post-Formative Scoring Guide**

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

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| ITEM# | SR | CR  | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 2. | D |  | 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: An equilateral triangle contains 3 congruent sides and an isosceles triangle has only 2 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 |
| 4. |  | x | 2 | G1A | 1 | B | Generalize relationships between 2 dimensional objects (DOK3) |

Answer: A parallelogram has 2 pairs of parallel sides and a trapezoid has only 1 pair of parallel 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. | A |  | 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: 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 |
| 8. |  | x | 2 | G1A | 1 | D | Use proportions to find indirect measure. (DOK3) |

Answer: 9 feet

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. | D |  | 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. | C |  | 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. | A |  | 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: 144 square 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: 1:25

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: 1:5

2 points: Exemplary response; correct answer, correct work

1 point: 1 of the above criteria

0 points: none of the above criteria