**MPS8:3 Pre-Formative Scoring Guide**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ITEM# | SR | CR  | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 1. | C |  | 2 | N1B | 1 | A | Solve problems correctly (DOK2) |

Answer: C

2 points Exemplary response; both answer and work are correct

1 point Either answer or work is correct, but not both

0 points Neither answer nor work is correct

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ITEM# | SR | CR  | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 2. |  | X | 3 | N2C | 2 | A | Solve equations with squaring function(DOK2) |

Answer: 5.6, -5.6

3 points Exemplary response; both positive and negative answer given and rounding is

 correct

2 points 2 of the above criteria

1 point 1 of the above criteria

0 points none of the above criteria

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ITEM# | SR | CR  | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 3. | C |  | 2 | N2C | 2 | A | Solve equations with squaring functions. (DOK2) |

Answer: C

2 points Exemplary response; both answer and work are correct

1 point Either answer or work is correct, but not both

0 points Neither answer nor work is correct

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ITEM# | SR | CR  | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 4. |  | X | 2 | G1A | 3 | A | Identify legs, hypotenuse and right angle in a right triangle. (DOK3) |

Answer: Legs are 3 cm and 4 cm. Hypotenuse is 5 cm. 900 angle is between 3cm and 4 cm sides

2 points Exemplary response; both legs and hypotenuse listed correctly

 and 900 angle listed correctly

1 point Either listed legs and hypotenuse correctly or placed 900 angle

 correctly, but not both

0 points Neither listings correct

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ITEM# | SR | CR  | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 5. |  | X | 2 | N2C | 2 | A | Solve equations with squaring function(DOK2) |

Answer: 5.8

2 points Exemplary response; both answer and rounding are correct

1 point Either answer is correct or rounding is correct, but not both

0 points Neither answer nor rounding is correct

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ITEM# | SR | CR  | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 6. |  | X | 2 | G2A | 4 | A | Find the distance between 2 points on a coordinate plane using Pythagorean Theorem. (DOK2) |

Answer: 5 units

2 points Exemplary response; both answer and work is correct

1 point Either answer or work is correct, but not both

0 points Neither answer nor work is correct

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ITEM# | SR | CR  | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 7.  |  | X | 2 | G4B | 5 | A | Draw or use visual models to represent and solve problems using Pythagorean Theorem (DOK3) |

Answer: 20 meters

2 points Exemplary response; both answer and work is correct

1 point Either answer or work is correct, but not both

0 points Neither answer nor work is correct