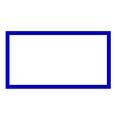
**MPS8:9 Pre-Formative Scoring Guide**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 1. | A |  | 1 |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 2. |  | X | 3 |  |  |  |  |

Answer: W = 2 l

[](http://www.indstate.edu/cirt/ittrain/resources/tutorials/instructional/hotpotatoes/shape-rectangle.gif)

P = 2 l +l + 2 l + l = 18

6 l = 18

l = 3 “

w = 6 “

3 points: Exemplary response; correct visual model, correct equation,

and correct length and width

2 points: 2 of the above criteria correct

1 point: 1 of the above criteria correct

0 point: none of the above criteria correct

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| --- | --- | --- | --- | --- | --- | --- | --- |
| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 3. |  | X | 3 |  |  |  |  |

Answer: x + x + 1 = 27

2 x + 1 = 27

2 x = 26

X = 13, x + 1 = 14

3 points: Exemplary response; correct equation, 13 correct, 14 correct.

2 points: 2 of the above criteria correct

1 point: 1 of the above criteria correct

0 point: none of the above criteria correct

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| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 4. |  | X | 2 |  |  |  |  |

Answer: 6x + -2 + 2x = -2 + 4x + 8

8 x – 2 = 4 x + 6

4 x = 8

X = 2

2 points: Exemplary response; correct work and correct answer

1 point: correct work or correct answer, but not both

0 point: neither work nor answer is correct

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| --- | --- | --- | --- | --- | --- | --- | --- |
| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 5. |  | X | 2 | A2A |  |  |  |

-3x+2=11

-3x=9

X=-3

2 points: Exemplary response; correct steps and correct answer

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

0 point: Neither correct answer nor correct steps.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| ITEM# | SR | CR | PT | GLE | OBJ | EXP | DESCRIPTOR |
| 6. |  | X | 2 | A2A |  |  |  |

1. 260=20x+100; x=8 weeks

2 points: Exemplary response; correct equation and correct answer

1 point: correct equation or correct answer, but not both

0 point: neither equation nor answer is correct