



Mathematics Benchmark

Constructed Response Marking Scheme



Grade: Algebra II/Trig

Item Description: Kiss Me Twice

Mathematical Content

1 point

- The intersection points of these relations are at $(4,0)$ and $(8,4)$.

Mathematical Process

2 points:

- Student successfully develops and implements an appropriate strategy (graphing, table, substitution, quadratic formula, and/or factoring) to determine points of intersection.

1 point:

- Student develops and partially implements an appropriate strategy (graphing, table, substitution, quadratic formula, and/or factoring) to determine points of intersection.
- Student recognizes linearity and non-linearity of two different relations.

0 points:

- Student provides a completely incorrect explanation or justification, one that cannot be interpreted or there is no response.