



Mathematics Benchmark

Constructed Response Marking Scheme



Grade: Algebra

Item Description: Rabbits, Rabbits & More Rabbits

Mathematical Content

1 point

76 rabbits or 76

Mathematical Process

2 points:

- Clearly shows start with 2430 and divide by 2 and adjust answer
- Student uses guess and check method and explains why they chose starting value or shows alternate solution choices.

1 point:

- Work does not support answers.
- Student uses guess and check method but does not explain why they chose starting value or show alternate solution choices.
- Student only keeps track of one variable, the rabbit population and cannot articulate the other variable, the time in years.

0 points:

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