

On Friday 5,624 people went to the county fair. On Saturday, three times as many people went to the county fair. How many people attended the fair on Saturday?

For answer choices A – D, choose Yes or No to indicate which method could be used to find how many people attended the fair on Saturday.

A. $5,624 \times 3 =$ Yes No

B. $5,624 + 5,624 + 5,624 =$ Yes No

C.

5000	600	20	4

 Yes No

D. $5,624 \div 3 =$ Yes No

Scoring

2 points: Student selected A, B, and C.

1 point: Student selected at least one of the correct responses and not D.

0 points: Student selected D, or D along with any of the correct responses.

Key and Distractor Analysis:

- A. Key. Correctly shows multiplication in symbolic form.
- B. Key. Correctly shows multiplication as repeated addition.
- C. Key. Correctly shows multiplication using a generic area model.
- D. Student does not recognize the question as multiplication.

Numbers and Operations in Base Ten

4.NBT

Use place value understanding and properties of operations to perform multi-digit arithmetic.

5. Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers, using strategies based on place value and the properties of operations. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.