

Assessment : Section A Checkpoint

Problem 1

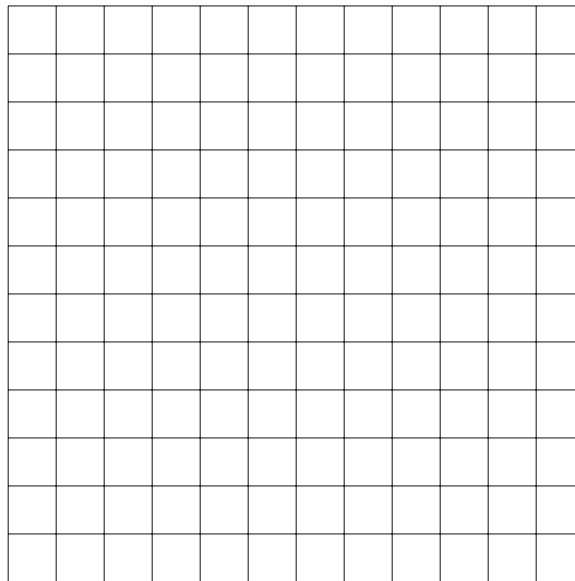
Goals Assessed

- Relate the side lengths and area of a rectangle to factors and multiples.

Statement

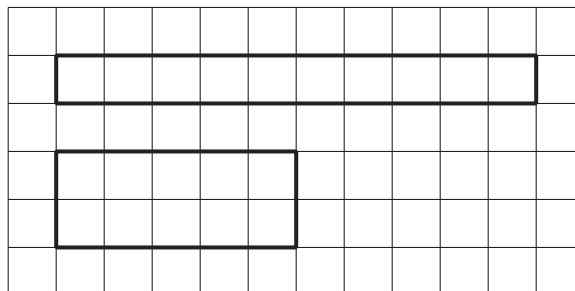
What are the possible side lengths of a rectangle with area 10 square units?

Draw an example of each possible rectangle on the grid.



Solution

2 units by 5 units, or 1 unit by 10 units



Problem 2

Goals Assessed

- Explain what it means to be a factor or a multiple of a whole number.

Statement

Select **all** true statements.

- A. 5 is a factor of 35.
- B. 35 is a factor of 5.
- C. 5 is a multiple of 35.
- D. 35 is a multiple of 5.

Solution

["A", "D"]

Problem 3

Goals Assessed

- Determine if a number is prime or composite.

Statement

Is 17 a prime number or a composite number? Explain how you know.

Solution

Prime, because 1 and 17 are its only factors.