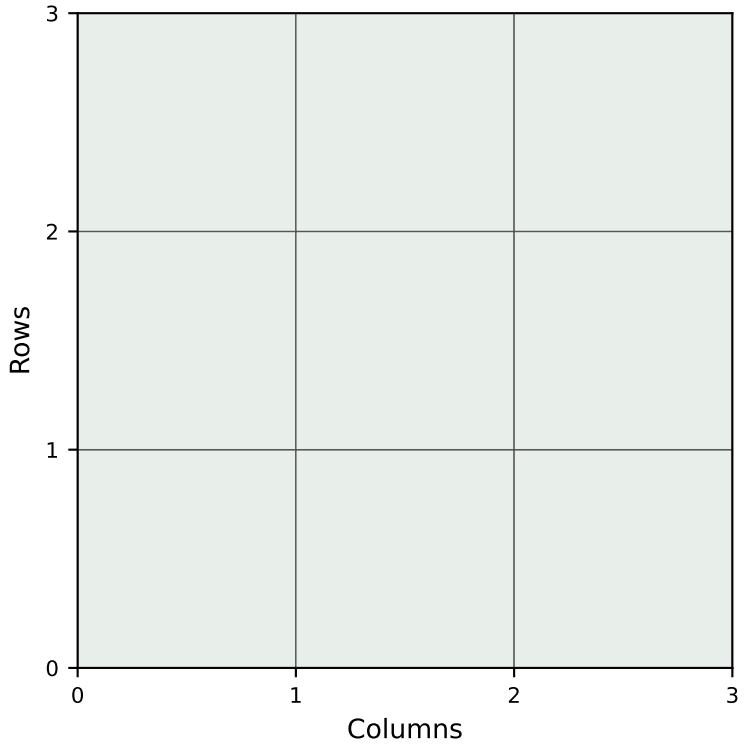
Square Numbers and Square Arrays Worksheets

ANSWER / CASE 1

A square array has 3 rows and 3 columns of unit tiles. Find the total and explain why it is a square number.

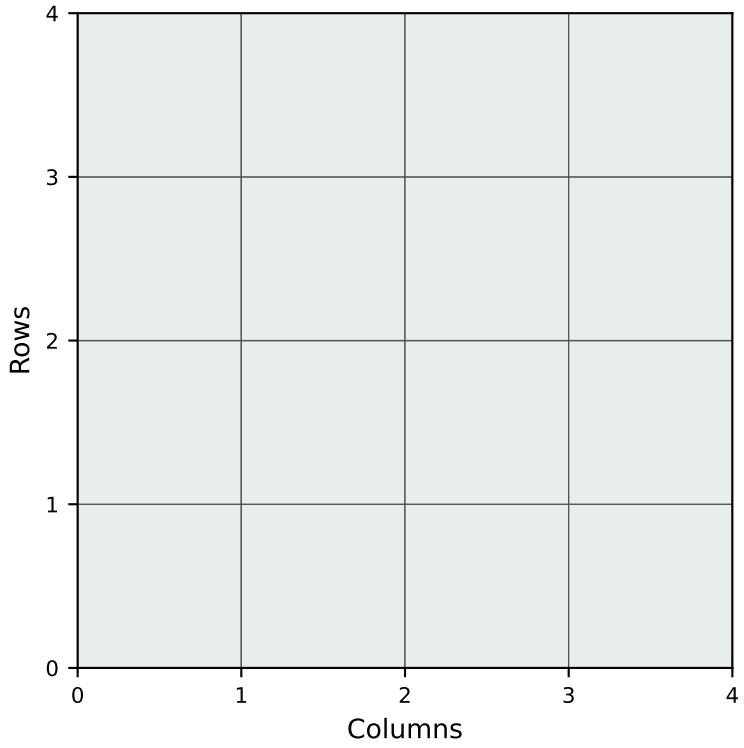


ANSWER: 9 tiles = 3 squared.
1. Multiply equal row and column counts.
2. The same whole number is used twice as a factor.

Square Numbers and Square Arrays Worksheets

ANSWER / CASE 2

A square array has 4 rows and 4 columns of unit tiles. Find the total and explain why it is a square number.

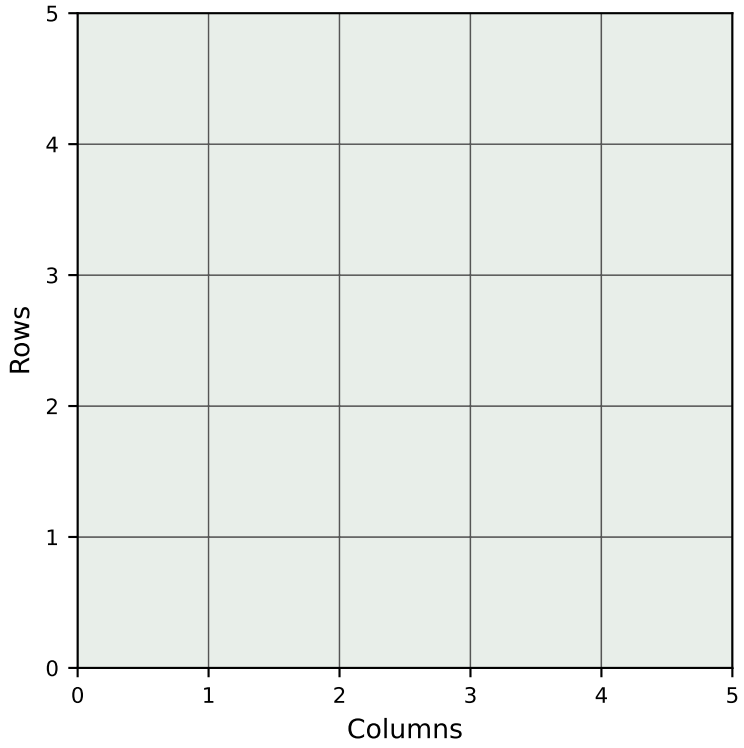


ANSWER: 16 tiles = 4 squared.
1. Multiply equal row and column counts.
2. The same whole number is used twice as a factor.

Square Numbers and Square Arrays Worksheets

ANSWER / CASE 3

A square array has 5 rows and 5 columns of unit tiles. Find the total and explain why it is a square number.

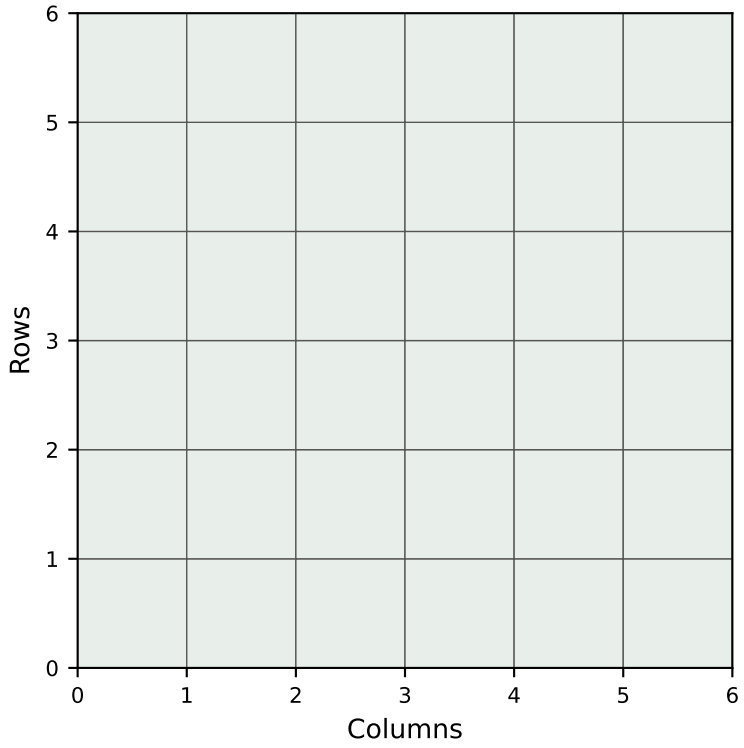


ANSWER: 25 tiles = 5 squared.
1. Multiply equal row and column counts.
2. The same whole number is used twice as a factor.

Square Numbers and Square Arrays Worksheets

ANSWER / CASE 4

A square array has 6 rows and 6 columns of unit tiles. Find the total and explain why it is a square number.



ANSWER: 36 tiles = 6 squared.
1. Multiply equal row and column counts.
2. The same whole number is used twice as a factor.