# Squares and Square Numbers

Name: _____ Date: _____

*Remember: A square number is the result of multiplying a number by itself. We write $5^2 = 5 \times 5 = 25$*

## Part A: Calculate the Square Numbers

Write each number as a multiplication and find the answer.

1. $1^2 = 1 \times 1 =$ _____
2. $2^2 = 2 \times 2 =$ _____
3. $3^2 = 3 \times 3 =$ _____
4. $4^2 = 4 \times 4 =$ _____
5. $5^2 = 5 \times 5 =$ _____
6. $6^2 = 6 \times 6 =$ _____
7. $7^2 = 7 \times 7 =$ _____
8. $8^2 = 8 \times 8 =$ _____
9. $9^2 = 9 \times 9 =$ _____
10. $10^2 = 10 \times 10 =$ _____
11. $11^2 = 11 \times 11 =$ _____
12. $12^2 = 12 \times 12 =$ _____

## Part B: True or False?

Circle whether each statement is true or false.

1. 16 is a square number. TRUE / FALSE
2. 20 is a square number. TRUE / FALSE
3. 49 is a square number. TRUE / FALSE
4. 50 is a square number. TRUE / FALSE
5. 100 is a square number. TRUE / FALSE

## Part C: Missing Numbers

Fill in the missing numbers.

1. _____$^2$ = 36
2. _____$^2$ = 81
3. _____$^2$ = 25
4. _____$^2$ = 144
5. _____$^2$ = 64

## Part D: Challenge

1. List all the square numbers between 1 and 50:

_____

_____

2. What is the smallest square number greater than 100? _____