Perfect Squares Identification

Name: _____ Date: _____

Remember: A perfect square is a number that can be made by multiplying a whole number by itself. For example, 16 is a perfect square because 4 × 4 = 16.

Part A: Circle the Perfect Squares

Circle all the numbers below that are perfect squares:

9	15	25	30	36	42
49	50	64	72	81	100

Part B: True or False

Write T (true) or F (false) next to each statement:

1. The number 144 is a perfect square. _____
2. The number 120 is a perfect square. _____
3. The square root of 64 is 8. _____
4. All perfect squares are even numbers. _____
5. The number 1 is a perfect square. _____

Part C: Finding Square Roots

Find the square root of each perfect square:

√16 = _____ √121 = _____

√4 = _____ √169 = _____

√36 = _____ √196 = _____

Part D: Explain Your Thinking

1. Is 48 a perfect square? Explain why or why not.

   _____

   _____

2. What are the two consecutive perfect squares that 50 sits between?

   _____