Square Root Multiplication Facts

Name: _____ Date: _____

Instructions: Complete each multiplication table below. Circle the products that are perfect squares (numbers that have whole number square roots).

Multiplication Table: 2

2 × 1 = _____
2 × 2 = _____
2 × 3 = _____
2 × 4 = _____
2 × 5 = _____
2 × 6 = _____
2 × 7 = _____
2 × 8 = _____

Multiplication Table: 3

3 × 1 = _____
3 × 2 = _____
3 × 3 = _____
3 × 4 = _____
3 × 5 = _____
3 × 6 = _____
3 × 7 = _____
3 × 8 = _____

Multiplication Table: 5

5 × 1 = _____
5 × 2 = _____
5 × 3 = _____
5 × 4 = _____
5 × 5 = _____
5 × 6 = _____
5 × 7 = _____
5 × 8 = _____

Multiplication Table: 7

7 × 1 = _____
7 × 2 = _____
7 × 3 = _____
7 × 4 = _____
7 × 5 = _____
7 × 6 = _____
7 × 7 = _____
7 × 8 = _____

Challenge Questions:

1. What pattern do you notice about the perfect squares you circled?

_____

_____

2. What is √16? _____

3. What is √49? _____

4. If 6 × 6 = 36, what is √36? _____

5. What number multiplied by itself equals 100? _____