

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

$2 \times 1 =$ _____
 $2 \times 2 =$ _____
 $2 \times 3 =$ _____
 $2 \times 4 =$ _____
 $2 \times 5 =$ _____
 $2 \times 6 =$ _____
 $2 \times 7 =$ _____
 $2 \times 8 =$ _____

Multiplication Table: 3

$3 \times 1 =$ _____
 $3 \times 2 =$ _____
 $3 \times 3 =$ _____
 $3 \times 4 =$ _____
 $3 \times 5 =$ _____
 $3 \times 6 =$ _____
 $3 \times 7 =$ _____
 $3 \times 8 =$ _____

Multiplication Table: 5

$5 \times 1 =$ _____
 $5 \times 2 =$ _____
 $5 \times 3 =$ _____
 $5 \times 4 =$ _____
 $5 \times 5 =$ _____
 $5 \times 6 =$ _____
 $5 \times 7 =$ _____
 $5 \times 8 =$ _____

Multiplication Table: 7

$7 \times 1 =$ _____
 $7 \times 2 =$ _____
 $7 \times 3 =$ _____
 $7 \times 4 =$ _____
 $7 \times 5 =$ _____
 $7 \times 6 =$ _____
 $7 \times 7 =$ _____
 $7 \times 8 =$ _____

Challenge Questions:

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

2. What is $\sqrt{16}$? _____

3. What is $\sqrt{49}$? _____

4. If $6 \times 6 = 36$, what is $\sqrt{36}$? _____

5. What number multiplied by itself equals 100? _____