

Name: _____

Is is Prime? $76 = 2 \times 2 \times 19$

76 is NOT prime

83 is Prime

List the prime factors for each number. State if the number is prime.

1. $38 =$

2. $103 =$

3. $81 =$

4. $89 =$

5. $100 =$

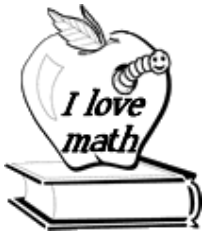
6. $115 =$

7. $112 =$

8. $117 =$

9. $26 =$

10. $36 =$



Name: _____

Is is Prime? $76 = 2 \times 2 \times 19$

76 is NOT prime

83 is Prime

List the prime factors for each number. State if the number is prime.

1. $38 = 2 \times 19$ (No)

2. $103 = 103$ (Yes)

3. $81 = 3 \times 3 \times 3 \times 3$ (No)

4. $89 = 89$ (Yes)

5. $100 = 2 \times 2 \times 5 \times 5$ (No)

6. $115 = 5 \times 23$ (No)

7. $112 = 2 \times 2 \times 2 \times 2 \times 7$ (No)

8. $117 = 3 \times 3 \times 13$ (No)

9. $26 = 2 \times 13$ (No)

10. $36 = 2 \times 2 \times 3 \times 3$ (No)