

Name: _____

Class: _____

Prime numbers

List the prime factors for each number. Is the number prime?

1. **51** = _____

2. **72** = _____

3. **71** = _____

4. **3** = _____

5. **68** = _____

6. **67** = _____

7. **30** = _____

8. **11** = _____

9. **62** = _____

10. **1** = _____

11. **89** = _____

12. **52** = _____

Prime numbers

List the prime factors for each number. Is the number prime?

1. $51 = 3 \times 17$ (No)

2. $72 = 2 \times 2 \times 2 \times 3 \times 3$ (No)

3. $71 = 71$ (Yes)

4. $3 = 3$ (Yes)

5. $68 = 2 \times 2 \times 17$ (No)

6. $67 = 67$ (Yes)

7. $30 = 2 \times 3 \times 5$ (No)

8. $11 = 11$ (Yes)

9. $62 = 2 \times 31$ (No)

10. $1 = 1$ (No)

11. $89 = 89$ (Yes)

12. $52 = 2 \times 2 \times 13$ (No)