

**Prime Factorization Practice Quiz** Name \_\_\_\_\_

**I have Mrs. Mulligan for math (circle one):** 1<sup>st</sup> per    2<sup>nd</sup> per    3<sup>rd</sup> per    5<sup>th</sup> per    6<sup>th</sup> per

**1. Write Prime or Composite** next to each number below.

a) 9

b) 10

c) 11

Find the prime factorization of each number below. **Circle** your final answer.

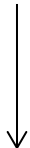
2) 42

3) 50

4) 72

5) 200

**Answers on next page.**



Answers

1. a) composite      b) composite      c) prime

2.  $2 \cdot 3 \cdot 7$                       3.  $2 \cdot 5^2$  or  $2 \cdot 5 \cdot 5$

4.  $2^3 \cdot 3^2$                       5.  $2^3 \cdot 5^2$