

Prime Factorization Decimals Quiz Name _____

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

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

a) 15

b) 16

c) 17

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

2) 40

3) 45

4) 81

5) 100

Answers on next page.



Answers

1) Composite Composite Prime

2) $2 \cdot 2 \cdot 2 \cdot 5$
Or $2^3 \cdot 5$

3) $3 \cdot 3 \cdot 5$
Or $3^2 \cdot 5$

4) $3 \cdot 3 \cdot 3 \cdot 3$
Or 3^4

5) $2 \cdot 2 \cdot 5 \cdot 5$
Or $2^2 \cdot 5^2$