

Math Quiz –5.1 Exponents and Scientific Notation (7th)

Name: _____

Draw a Prime Factorization Tree. Then write the final answer in exponential form.

Write either the GCF or the LCM of these numbers.

1. 1100

8. GCF of 15, 45, 60

2. 1575

9. LCM 4, 7, 8, 14

3. 385

10. GCF of 13, 15, 22

4. 72

Write these fractions in simplest form. You should use the GCF to help you. Show your work!

11. LCM of 6 and 9

5. $\frac{12}{32}$

6. $\frac{35}{90}$

12. GCF of 64, 48, 32

7. $\frac{39}{104}$