

Name \_\_\_\_\_

# Prime Factors

List all the prime factors for each of the following numbers.

1. **250**: The prime factors are  $2 \times 5 \times 5 \times 5$
2. **600**: The prime factors are  $2 \times 2 \times 2 \times 3 \times 5 \times 5$
3. **100**: The prime factors are  $2 \times 2 \times 5 \times 5$
4. **120**: The prime factors are  $2 \times 2 \times 2 \times 3 \times 5$
5. **350**: The prime factors are  $2 \times 5 \times 5 \times 7$
6. **550**: The prime factors are  $2 \times 5 \times 5 \times 11$
7. **480**: The prime factors are  $2 \times 2 \times 2 \times 2 \times 2 \times 3 \times 5$
8. **650**: The prime factors are  $2 \times 5 \times 5 \times 13$
9. **700**: The prime factors are  $2 \times 2 \times 5 \times 5 \times 7$
10. **360**: The prime factors are  $2 \times 2 \times 2 \times 3 \times 3 \times 5$
11. **450**: The prime factors are  $2 \times 3 \times 3 \times 5 \times 5$
12. **525**: The prime factors are  $3 \times 5 \times 5 \times 7$
13. **400**: The prime factors are  $2 \times 2 \times 2 \times 2 \times 5 \times 5$
14. **180**: The prime factors are  $2 \times 2 \times 3 \times 3 \times 5$
15. **320**: The prime factors are  $2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 5$