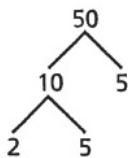


HW

# Prime Factorization

## FACTORS AND FRACTIONS

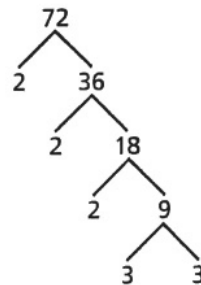
Prime Factorization: Expressing a number as a product of primes.



Therefore,  $50 = 5 \times 5 \times 2$



Therefore,  $26 = 2 \times 13$



Therefore,  $72 = 2 \times 2 \times 2 \times 3 \times 3$

Find the prime factorization or state that the number is prime. Show your work on a separate piece of paper.

1) 66

2) 325

3) 23

~~4) 451~~

~~5) 197~~

~~6) 29~~

7) 674

8) 99

9) 225

10) 369

11) 184

12) 208

~~13) 493~~

14) 148

~~15) 293~~

16) 132

17) 75

18) 128

~~19) 529~~

20) 48

21) 68