

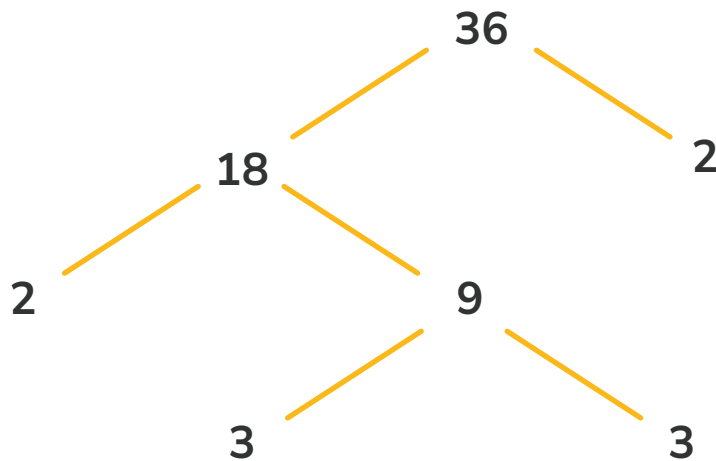
Prime Factorization Worksheet

Name:

Date:

Find the prime factors of the numbers below using the factor tree method.
Draw a factor tree for each one, listing out all of the factors.

Example: What is the prime factorization of 36 using the factor tree method?



Answer: The prime factorization is $2 \times 2 \times 3 \times 3$

① What is the prime factorization of 24 using the factor tree method?

② What is the prime factorization of 18 using the factor tree method?

③ What is the prime factorization of 48 using the division method?

④ What is the prime factorization of 22 using the division method?

⑤ What is the prime factorization of 72 using the division method?

⑥ What is the prime factorization of 12 using the division method?

⑦ What is the prime factorization of 100 using the division method?

⑧ What is the prime factorization of 60 using the division method?