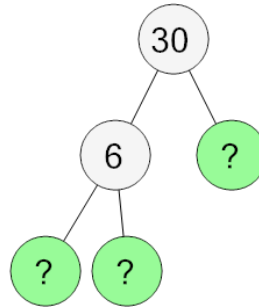




Math worksheet on 'Prime Factorization - Factor Tree with 3 Factors - Finish (Level 1)'. Part of a broader unit on 'Factoring and Primes - Intro'

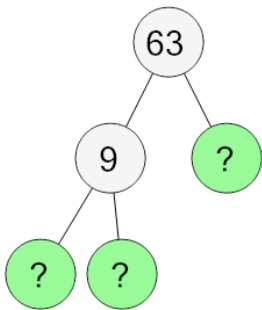
Learn online: app.mobius.academy/math/units/factoring_and_primes_intro/

1 Complete the factor tree to find the prime factorization of this number



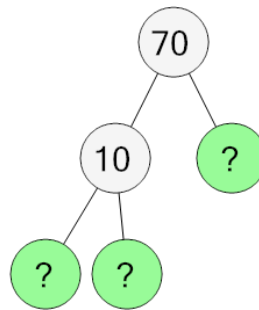
- a $2 \times 3 \times 5$
- b $2 \times 3 \times 3 \times 5$
- c $2 \times 2 \times 3 \times 5$
- d $2 \times 3 \times 5 \times 11$
- e $2 \times 3 \times 5 \times 7$
- f $2 \times 3 \times 5 \times 13$

2 Complete the factor tree to find the prime factorization of this number



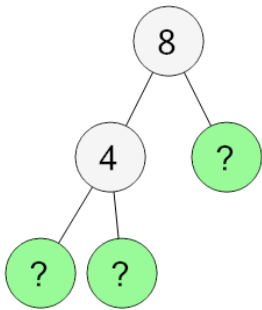
- a $3 \times 3 \times 7 \times 13$
- b $3 \times 3 \times 3 \times 7$
- c $3 \times 3 \times 7 \times 7$
- d $3 \times 3 \times 5 \times 7$
- e $3 \times 3 \times 7$
- f $3 \times 3 \times 7 \times 11$

3 Complete the factor tree to find the prime factorization of this number



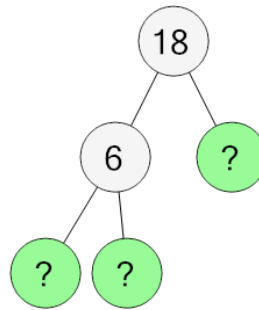
- a $2 \times 5 \times 5 \times 7$
- b $2 \times 2 \times 5 \times 7$
- c $2 \times 3 \times 5 \times 7$
- d $2 \times 5 \times 7$
- e $2 \times 5 \times 7 \times 13$
- f $2 \times 5 \times 7 \times 11$

4 Complete the factor tree to find the prime factorization of this number



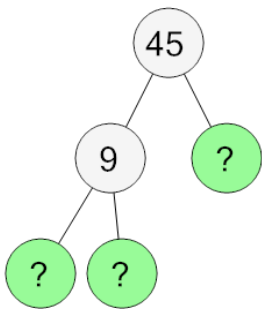
- a $2 \times 2 \times 2$
- b $2 \times 2 \times 2 \times 2$
- c $2 \times 2 \times 2 \times 11$
- d $2 \times 2 \times 2 \times 5$
- e $2 \times 2 \times 2 \times 13$
- f $2 \times 2 \times 2 \times 3$

5 Complete the factor tree to find the prime factorization of this number



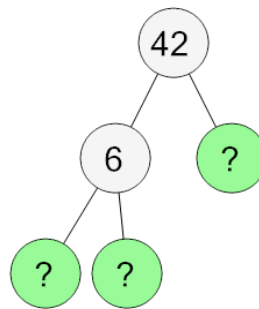
- a $2 \times 3 \times 3 \times 5$
- b $2 \times 3 \times 3 \times 7$
- c $2 \times 3 \times 3$
- d $2 \times 3 \times 3 \times 13$
- e $2 \times 3 \times 3 \times 3$
- f $2 \times 3 \times 3 \times 11$

6 Complete the factor tree to find the prime factorization of this number



- a $3 \times 3 \times 5$
- b $3 \times 3 \times 5 \times 13$
- c $3 \times 3 \times 5 \times 11$
- d $2 \times 3 \times 3 \times 5$
- e $3 \times 3 \times 5 \times 5$
- f $3 \times 3 \times 3 \times 5$

7 Complete the factor tree to find the prime factorization of this number



- a $2 \times 3 \times 7 \times 13$
- b $2 \times 3 \times 7 \times 11$
- c $2 \times 3 \times 7 \times 7$
- d $2 \times 3 \times 5 \times 7$
- e $2 \times 3 \times 7$
- f $2 \times 2 \times 3 \times 7$