

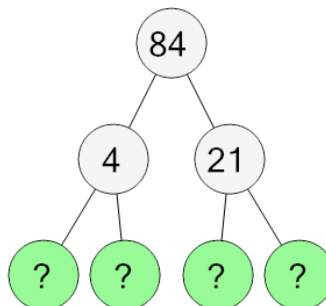


Math worksheet on 'Prime Factorization - Factor Tree with 4 Factors - Finish (Level 3)'. Part of a broader unit on 'Factoring, Multiplication, Division, Fractions - Advanced'

Learn online:

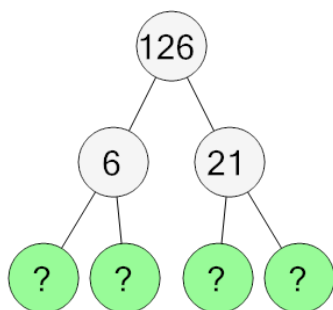
app.mobius.academy/math/units/factoring_multiplication_division_fractions_advanced

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



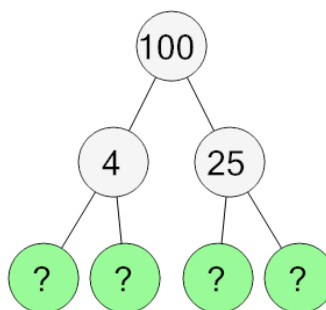
- a** $2 \times 2 \times 3 \times 7$
- b** $2 \times 2 \times 21$
- c** $2 \times 2 \times 3$
- d** $2 \times 2 \times 3 \times 7 \times 11$
- e** $2 \times 6 \times 7$
- f** $2 \times 2 \times 2 \times 3 \times 7$

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



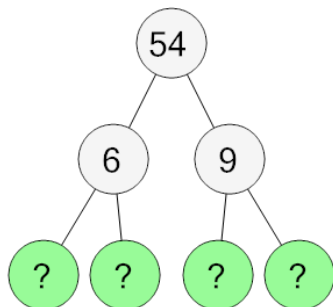
- a** $2 \times 9 \times 7$
- b** $2 \times 3 \times 3 \times 7$
- c** $2 \times 3 \times 3 \times 7 \times 11$
- d** $2 \times 3 \times 21$
- e** $2 \times 3 \times 7$
- f** $2 \times 2 \times 3 \times 3 \times 7$

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



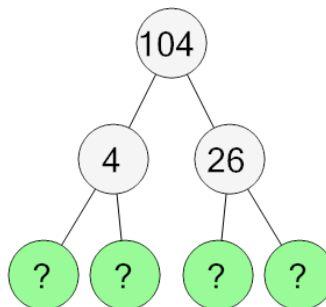
- a** $2 \times 2 \times 5$
- b** $2 \times 2 \times 25$
- c** $2 \times 5 \times 5$
- d** $2 \times 2 \times 2 \times 5 \times 5$
- e** $2 \times 2 \times 5 \times 5$
- f** $2 \times 2 \times 5 \times 5 \times 7$

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



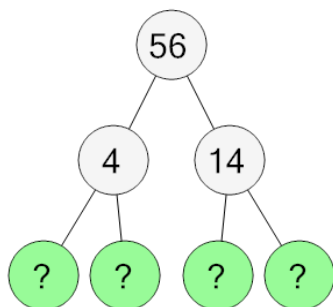
- a** $2 \times 3 \times 3 \times 3$
- b** $2 \times 3 \times 3$
- c** $2 \times 9 \times 3$
- d** $3 \times 3 \times 3$
- e** $2 \times 2 \times 3 \times 3 \times 3$
- f** $2 \times 3 \times 3 \times 3 \times 11$

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



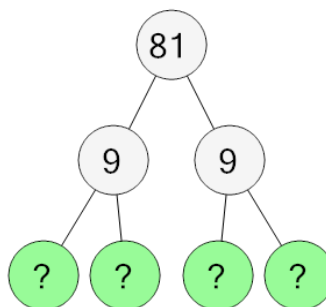
- a** $2 \times 2 \times 2 \times 2 \times 13$
- b** $2 \times 2 \times 2$
- c** $2 \times 2 \times 2 \times 13 \times 13$
- d** $2 \times 4 \times 13$
- e** $2 \times 2 \times 2 \times 13$
- f** $2 \times 2 \times 2 \times 11 \times 13$

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



- a** $2 \times 2 \times 14$
- b** $2 \times 4 \times 7$
- c** $2 \times 2 \times 2 \times 7$
- d** $2 \times 2 \times 2 \times 2 \times 7$
- e** $2 \times 2 \times 2 \times 7 \times 7$
- f** $2 \times 2 \times 7$

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



- a** $2 \times 3 \times 3 \times 3 \times 3$
- b** $3 \times 9 \times 3$
- c** $3 \times 3 \times 3 \times 3 \times 7$
- d** $3 \times 3 \times 3 \times 3$
- e** $3 \times 3 \times 3$
- f** $3 \times 3 \times 9$