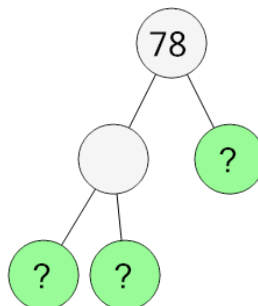




Math worksheet on 'Prime Factorization - Factor Tree with 3 Factors - Full (Level 3)'. Part of a broader unit on 'Factoring and Primes - Advanced'

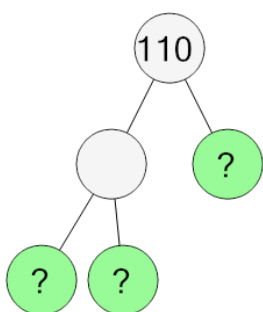
Learn online: app.mobius.academy/math/units/factoring_and_primes_advanced/

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



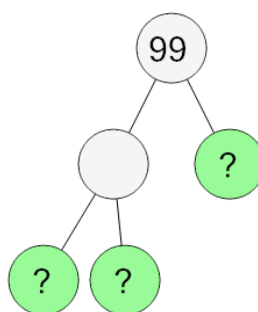
- a** $2 \times 2 \times 3 \times 13$
- b** $2 \times 3 \times 7 \times 13$
- c** $2 \times 3 \times 13 \times 13$
- d** $2 \times 3 \times 13$
- e** $2 \times 3 \times 3 \times 13$
- f** $2 \times 3 \times 11 \times 13$

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



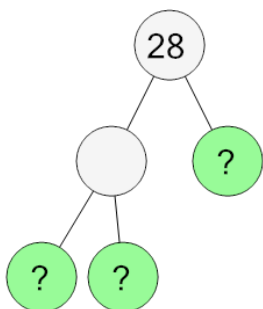
- a** $2 \times 5 \times 11$
- b** $2 \times 5 \times 5 \times 11$
- c** $2 \times 5 \times 7 \times 11$
- d** $2 \times 5 \times 11 \times 11$
- e** $2 \times 5 \times 11 \times 13$
- f** $2 \times 3 \times 5 \times 11$

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



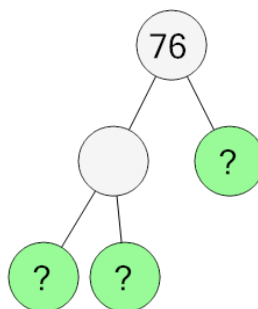
- a** $2 \times 3 \times 3 \times 11$
- b** $3 \times 3 \times 5 \times 11$
- c** $3 \times 3 \times 11 \times 11$
- d** $3 \times 3 \times 7 \times 11$
- e** $3 \times 3 \times 11$
- f** $3 \times 3 \times 11 \times 13$

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



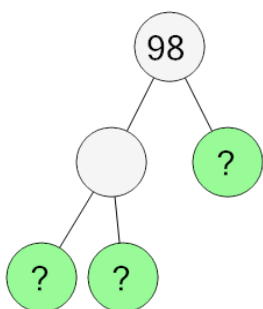
- a** $2 \times 2 \times 7 \times 7$
- b** $2 \times 2 \times 2 \times 7$
- c** $2 \times 2 \times 7$
- d** $2 \times 2 \times 5 \times 7$
- e** $2 \times 2 \times 3 \times 7$
- f** $2 \times 2 \times 7 \times 13$

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



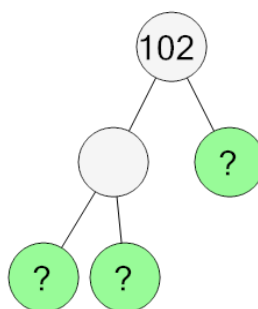
- a** $2 \times 2 \times 3 \times 19$
- b** $2 \times 2 \times 13 \times 19$
- c** $2 \times 2 \times 7 \times 19$
- d** $2 \times 2 \times 2 \times 19$
- e** $2 \times 2 \times 19$
- f** $2 \times 2 \times 5 \times 19$

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



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

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



- a** $2 \times 2 \times 3 \times 17$
- b** $2 \times 3 \times 3 \times 17$
- c** $2 \times 3 \times 7 \times 17$
- d** $2 \times 3 \times 17$
- e** $2 \times 3 \times 5 \times 17$
- f** $2 \times 3 \times 11 \times 17$