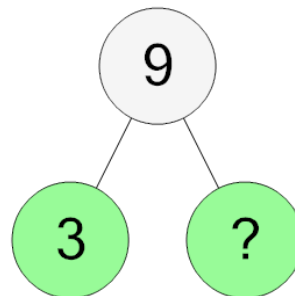




Math worksheet on 'Prime Factorization - Factor Tree with 2 Factors - Finish (Level 2)'. Part of a broader unit on 'Factoring and Primes - Intro'

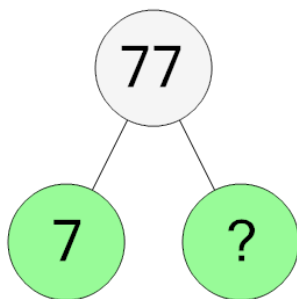
Learn online: [app.mobius.academy/math/units/factoring\\_and\\_primes\\_intro/](http://app.mobius.academy/math/units/factoring_and_primes_intro/)

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



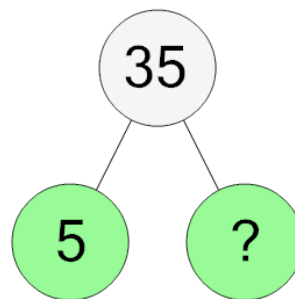
- |                                   |                                    |
|-----------------------------------|------------------------------------|
| <b>a</b><br>$3 \times 3 \times 3$ | <b>b</b><br>$3 \times 3 \times 11$ |
| <b>c</b><br>$3 \times 3$          | <b>d</b><br>$3 \times 3 \times 13$ |
| <b>e</b><br>$3 \times 3 \times 5$ | <b>f</b><br>$3 \times 3 \times 7$  |

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



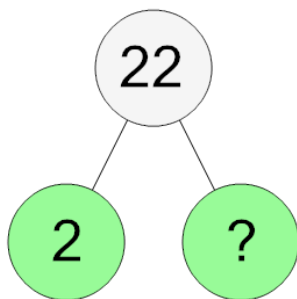
- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| <b>a</b><br>$3 \times 7 \times 11$  | <b>b</b><br>$7 \times 11 \times 11$ |
| <b>c</b><br>$7 \times 11 \times 13$ | <b>d</b><br>$5 \times 7 \times 11$  |
| <b>e</b><br>$2 \times 7 \times 11$  | <b>f</b><br>$7 \times 11$           |

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



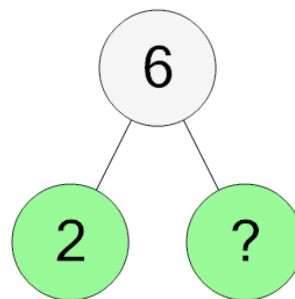
- |                                   |                                    |
|-----------------------------------|------------------------------------|
| <b>a</b><br>$2 \times 5 \times 7$ | <b>b</b><br>$5 \times 5 \times 7$  |
| <b>c</b><br>$3 \times 5 \times 7$ | <b>d</b><br>$5 \times 7$           |
| <b>e</b><br>$5 \times 7 \times 7$ | <b>f</b><br>$5 \times 7 \times 11$ |

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



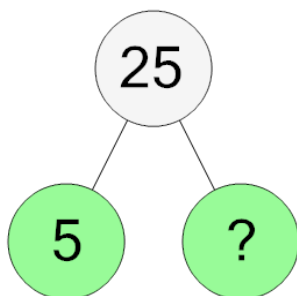
- |                                     |                                    |
|-------------------------------------|------------------------------------|
| <b>a</b><br>$2 \times 11 \times 11$ | <b>b</b><br>$2 \times 7 \times 11$ |
| <b>c</b><br>$2 \times 11 \times 13$ | <b>d</b><br>$2 \times 11$          |
| <b>e</b><br>$2 \times 5 \times 11$  | <b>f</b><br>$2 \times 3 \times 11$ |

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



- |                                    |                                   |
|------------------------------------|-----------------------------------|
| <b>a</b><br>$2 \times 3 \times 11$ | <b>b</b><br>$2 \times 3 \times 3$ |
| <b>c</b><br>$2 \times 2 \times 3$  | <b>d</b><br>$2 \times 3$          |
| <b>e</b><br>$2 \times 3 \times 13$ | <b>f</b><br>$2 \times 3 \times 7$ |

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



- |                                    |                                    |
|------------------------------------|------------------------------------|
| <b>a</b><br>$3 \times 5 \times 5$  | <b>b</b><br>$5 \times 5 \times 7$  |
| <b>c</b><br>$5 \times 5 \times 11$ | <b>d</b><br>$5 \times 5 \times 13$ |
| <b>e</b><br>$5 \times 5$           | <b>f</b><br>$5 \times 5 \times 5$  |