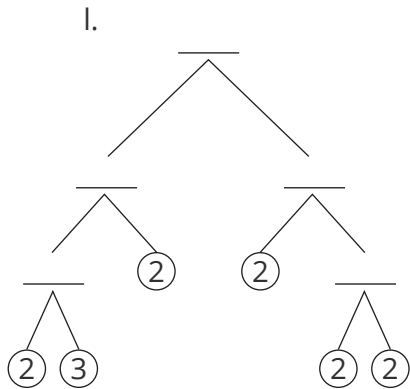
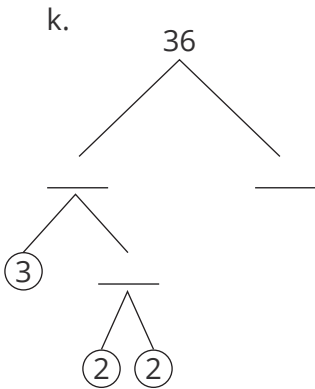
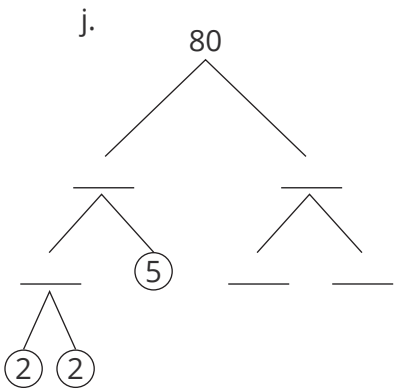
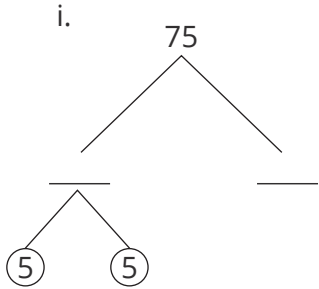
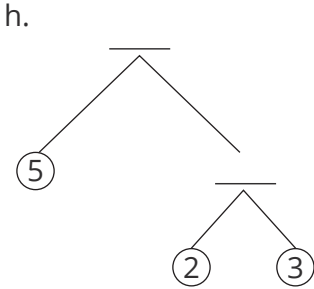
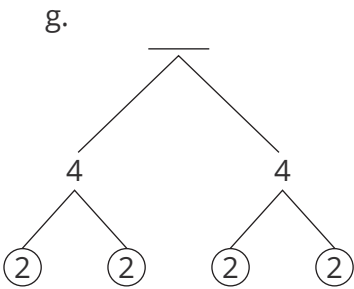
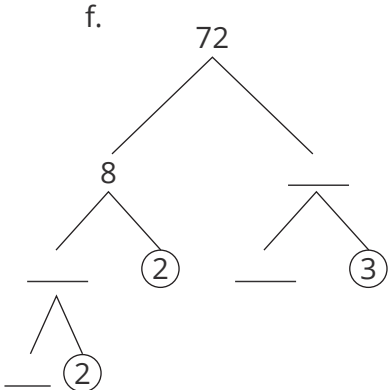
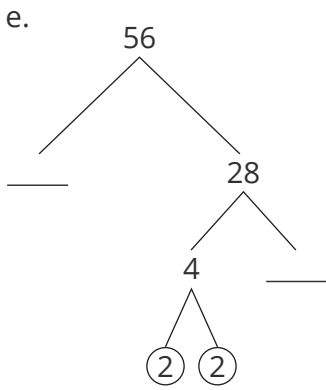
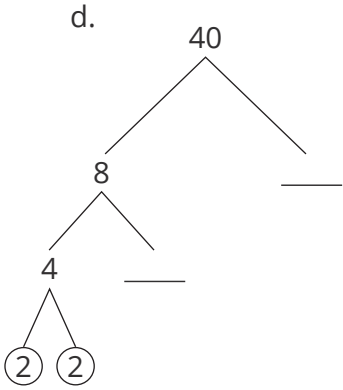
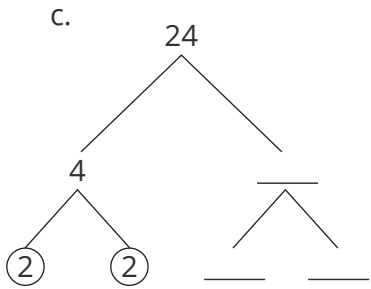
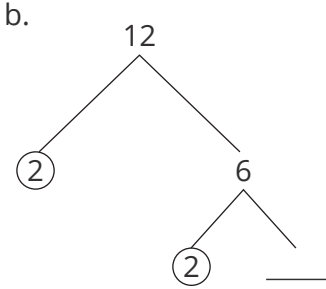
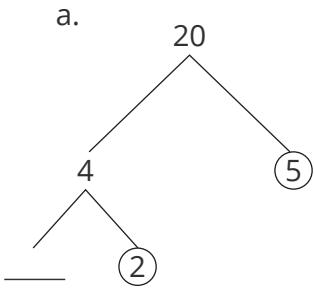


Prime Factors

1. Fill in the gaps in each prime factor tree.



2. Use a factor tree to find the product of prime factors of:

a. 48: $\underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad}$

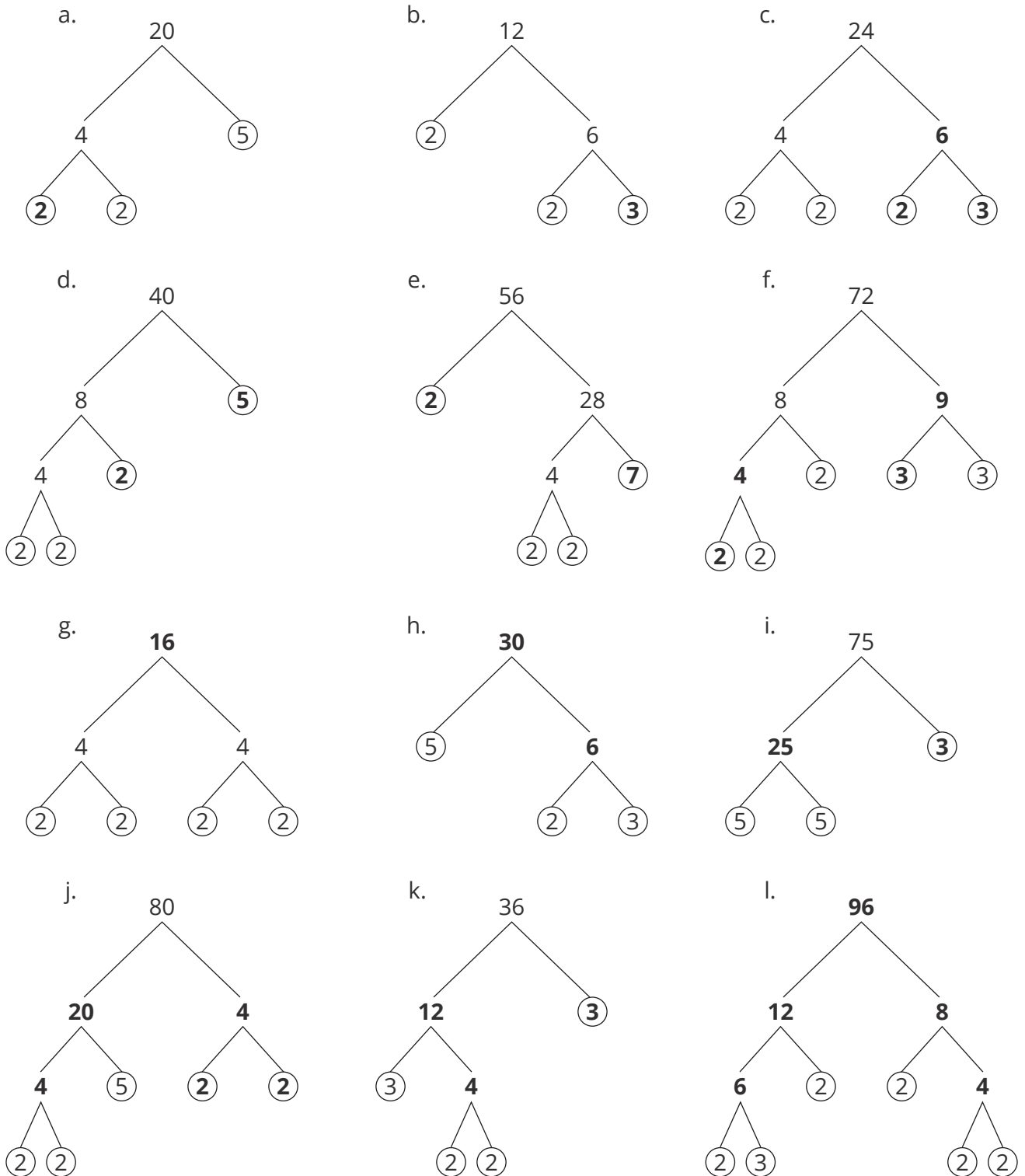
b. 100: $\underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad}$

c. 144: $\underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad} \times \underline{\quad}$

Prime Factors Answers

1. Fill in the gaps in each prime factor tree.

When giving prime factors, the order in which they are given is not important. For example, 12 could be written as $2 \times 2 \times 3$ or $2 \times 3 \times 2$ or $3 \times 2 \times 2$.



2. Use a factor tree to find the product of prime factors of:

a. 48: $2 \times 2 \times 2 \times 2 \times 3$

b. 100: $2 \times 2 \times 5 \times 5$

c. 144: $2 \times 2 \times 2 \times 2 \times 3 \times 3$