

Prime Factors (J)

Use a tree diagram to find the prime factors of each number.

58

9

91

25

36

9

34

44

91

Prime Factors (J) Answers

Use a tree diagram to find the prime factors of each number.

58

$$\begin{array}{c} 58 \\ \swarrow \searrow \\ 2 \quad 29 \\ 58 = 2 \times 29 \end{array}$$

9

$$\begin{array}{c} 9 \\ \swarrow \searrow \\ 3 \quad 3 \\ 9 = 3^2 \end{array}$$

91

$$\begin{array}{c} 91 \\ \swarrow \searrow \\ 7 \quad 13 \\ 91 = 7 \times 13 \end{array}$$

25

$$\begin{array}{c} 25 \\ \swarrow \searrow \\ 5 \quad 5 \\ 25 = 5^2 \end{array}$$

36

$$\begin{array}{c} 36 \\ \swarrow \searrow \\ 4 \quad 9 \\ \swarrow \searrow \quad \swarrow \searrow \\ 2 \quad 2 \quad 3 \quad 3 \\ 36 = 2^2 \times 3^2 \end{array}$$

9

$$\begin{array}{c} 9 \\ \swarrow \searrow \\ 3 \quad 3 \\ 9 = 3^2 \end{array}$$

34

$$\begin{array}{c} 34 \\ \swarrow \searrow \\ 2 \quad 17 \\ 34 = 2 \times 17 \end{array}$$

44

$$\begin{array}{c} 44 \\ \swarrow \searrow \\ 2 \quad 22 \\ \quad \swarrow \searrow \\ \quad 2 \quad 11 \\ 44 = 2^2 \times 11 \end{array}$$

91

$$\begin{array}{c} 91 \\ \swarrow \searrow \\ 7 \quad 13 \\ 91 = 7 \times 13 \end{array}$$