

Prime Factors (E)

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

92

63

122

142

175

123

190

169

115

Prime Factors (E) Answers

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

92

$$\begin{array}{c} 92 \\ \swarrow \quad \searrow \\ 2 \quad 46 \\ \quad \swarrow \quad \searrow \\ \quad 2 \quad 23 \\ 92 = 2^2 \times 23 \end{array}$$

63

$$\begin{array}{c} 63 \\ \swarrow \quad \searrow \\ 3 \quad 21 \\ \quad \swarrow \quad \searrow \\ \quad 3 \quad 7 \\ 63 = 3^2 \times 7 \end{array}$$

122

$$\begin{array}{c} 122 \\ \swarrow \quad \searrow \\ 2 \quad 61 \\ 122 = 2 \times 61 \end{array}$$

142

$$\begin{array}{c} 142 \\ \swarrow \quad \searrow \\ 2 \quad 71 \\ 142 = 2 \times 71 \end{array}$$

175

$$\begin{array}{c} 175 \\ \swarrow \quad \searrow \\ 5 \quad 35 \\ \quad \swarrow \quad \searrow \\ \quad 5 \quad 7 \\ 175 = 5^2 \times 7 \end{array}$$

123

$$\begin{array}{c} 123 \\ \swarrow \quad \searrow \\ 3 \quad 41 \\ 123 = 3 \times 41 \end{array}$$

190

$$\begin{array}{c} 190 \\ \swarrow \quad \searrow \\ 2 \quad 95 \\ \quad \swarrow \quad \searrow \\ \quad 5 \quad 19 \\ 190 = 2 \times 5 \times 19 \end{array}$$

169

$$\begin{array}{c} 169 \\ \swarrow \quad \searrow \\ 13 \quad 13 \\ 169 = 13^2 \end{array}$$

115

$$\begin{array}{c} 115 \\ \swarrow \quad \searrow \\ 5 \quad 23 \\ 115 = 5 \times 23 \end{array}$$