

# COUNTDOWN CHALLENGE

## Finding Factors of 126

<i>Easy</i>	<i>Difficult</i>	<i>Challenging</i>
<p>Two whole numbers are multiplied together. The product is 24. <i>What could the numbers be?</i></p> $\begin{array}{r} 1 \times 24 = 24 \\ \hline \quad \times \quad = 24 \\ \hline \quad \times \quad = 24 \\ \hline \quad \times \quad = 24 \end{array}$	<p>Two whole numbers, each greater than 2, are multiplied together. The product is 24. <i>What could the numbers be?</i></p>	<p>Two whole numbers, each greater than 2, are multiplied together. The product is 24. The sum of the two numbers is 11. <i>What could the numbers be?</i></p>
<p>Two whole numbers are multiplied together. The product is 60. <i>What could the numbers be?</i></p> $\begin{array}{r} \quad \times \quad = 60 \\ \hline \quad \times \quad = 60 \\ \hline \quad \times \quad = 60 \\ \hline \quad \times \quad = 60 \end{array}$	<p>Two whole numbers, each greater than 2, are multiplied together. The product is 60. <i>What could the numbers be?</i></p>	<p>Two whole numbers, each greater than 2, are multiplied together. The product is 60. The sum of the two numbers is 19. <i>What could the numbers be?</i></p>
<p>Two whole numbers are multiplied together. The product is 126. <i>What could the numbers be?</i></p> $\begin{array}{r} \quad \times \quad = 126 \\ \hline \quad \times \quad = 126 \\ \hline \quad \times \quad = 126 \\ \hline \quad \times \quad = 126 \end{array}$	<p>Two whole numbers, each greater than 2, are multiplied together. The product is 126. <i>What could the numbers be?</i></p>	<p>Two whole numbers, each greater than 2, are multiplied together. The product is 126. The sum of the two numbers is 23. <i>What could the numbers be?</i></p>
<p>Two whole numbers are multiplied together. The product is 150. <i>What could the numbers be?</i></p> $\begin{array}{r} \quad \times \quad = 150 \\ \hline \quad \times \quad = 150 \\ \hline \quad \times \quad = 150 \\ \hline \quad \times \quad = 150 \end{array}$	<p>Two whole numbers, each greater than 3, are multiplied together. The product is 150. <i>What could the numbers be?</i></p>	<p>Two whole numbers, each greater than 3, are multiplied together. The product is 150. The sum of the two numbers is 25. <i>What could the numbers be?</i></p>
<p>Two whole numbers are multiplied together. The product is 265. <i>What could the numbers be?</i></p> $\begin{array}{r} \quad \times \quad = 265 \\ \hline \quad \times \quad = 265 \\ \hline \quad \times \quad = 265 \\ \hline \quad \times \quad = 265 \end{array}$	<p>Two whole numbers, each greater than 4, are multiplied together. The product is 265. <i>What could the numbers be?</i></p>	<p>Two whole numbers, each greater than 4, are multiplied together. The product is 265. The sum of the two numbers is 58. <i>What could the numbers be?</i></p>