MathFLIX CHALLENGE
Finding Factors of 126

Easy	*Difficult*	*Challenging*
Two whole numbers are multiplied together. The product is 24. *What could the numbers be?* $\underline{\ 1\ } \times \underline{\ 24\ } = 24$ $\underline{\quad} \times \underline{\quad} = 24$ $\underline{\quad} \times \underline{\quad} = 24$ $\underline{\quad} \times \underline{\quad} = 24$	Two whole numbers, each greater than 2, are multiplied together. The product is 24. *What could the numbers be?*	Two whole numbers, each greater than 2, are multiplied together. The product is 24. The sum of the two numbers is 11. *What could the numbers be?*
Two whole numbers are multiplied together. The product is 60. *What could the numbers be?* $\underline{\quad} \times \underline{\quad} = 60$ $\underline{\quad} \times \underline{\quad} = 60$ $\underline{\quad} \times \underline{\quad} = 60$ $\underline{\quad} \times \underline{\quad} = 60$	Two whole numbers, each greater than 2, are multiplied by together. The product is 60. *What could the numbers be?*	Two whole numbers, each greater than 2, are multiplied together. The product is 60. The sum of the two numbers is 19. *What could the numbers be?*
Two whole numbers are multiplied together. The product is 126. *What could the numbers be?* $\underline{\quad} \times \underline{\quad} = 126$ $\underline{\quad} \times \underline{\quad} = 126$ $\underline{\quad} \times \underline{\quad} = 126$ $\underline{\quad} \times \underline{\quad} = 126$	Two whole numbers, each greater than 2, are multiplied by together. The product is 126. *What could the numbers be?*	Two whole numbers, each greater than 2, are multiplied together. The product is 126. The sum of the two numbers is 23. *What could the numbers be?*
Two whole numbers are multiplied together. The product is 150. *What could the numbers be?* $\underline{\quad} \times \underline{\quad} = 150$ $\underline{\quad} \times \underline{\quad} = 150$ $\underline{\quad} \times \underline{\quad} = 150$ $\underline{\quad} \times \underline{\quad} = 150$	Two whole numbers, each greater than 3, are multiplied by together. The product is 150. *What could the numbers be?*	Two whole numbers, each greater than 3, are multiplied together. The product is 150. The sum of the two numbers is 25. *What could the numbers be?*
Two whole numbers are multiplied together. The product is 265. *What could the numbers be?* $\underline{\quad} \times \underline{\quad} = 265$ $\underline{\quad} \times \underline{\quad} = 265$ $\underline{\quad} \times \underline{\quad} = 265$ $\underline{\quad} \times \underline{\quad} = 265$	Two whole numbers, each greater than 4, are multiplied by together. The product is 265. *What could the numbers be?*	Two whole numbers, each greater than 4, are multiplied together. The product is 265. The sum of the two numbers is 58. *What could the numbers be?*