Note Catcher

# Constellation Station:

Copy each problem and the corresponding work into the appropriate box below. Look for patterns and keep in mind the goal of generalizing the rule for **multiplying** numbers in scientific notation.

|  |  |
| --- | --- |
| **Example 1** | **Example 2** |
|  |  |
| **Example 3** | **Example 4** |
|  |  |

## Reflect and Generalize

**(a)** What did you notice about the coefficients (decimal numbers) in the problem?

**(b)** What did you notice about the exponents in the problem?

**(c)** Write a general rule for how to multiply numbers in scientific notation.



# Constellation Station:

Copy each problem and the corresponding work into the appropriate box below. Look for patterns and keep in mind the goal of generalizing the rule for **dividing** numbers in scientific notation.

|  |  |
| --- | --- |
| **Example 1** | **Example 2** |
|  |  |
| **Example 3** | **Example 4** |
|  |  |

## Reflect and Generalize

**(a)** What did you notice about the coefficients (decimal numbers) in the problem?

**(b)** What did you notice about the exponents in the problem?

**(c)** Write a general rule for how to divide numbers in scientific notation.