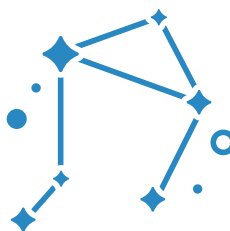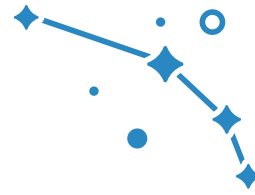# NOTE CATCHER

Constellation Station: LIBRA

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.

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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.