**Unit Fractions Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Construct this rectangle on a geoboard.



How many ways can you separate the rectangle into two equal parts? Record your work.

[Hint: There are at least 4 ways.]



When the rectangle is separated into two equal parts, each part is what ***fraction*** of the rectangle?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

words symbols

Construct this trapezoid on a geoboard. Separate this trapezoid into two equal parts. Record your work.

When the trapezoid is separated into two equal parts, each part is what ***fraction*** of the trapezoid?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

words symbols

Valerie is in first grade. She separated the trapezoid as shown.



Use sentences to explain to Valerie why the shaded part is not one half of the trapezoid.

Construct this square on a geoboard. Separate the square into three equal parts. Record your work.



When the square is separated into three equal parts, each part is what ***fraction*** of the square?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

words symbols

Construct this rhombus on a geoboard. Separate the rhombus into four equal parts. Record your work.

When the rhombus is separated into four equal parts, each part is what ***fraction*** of the rhombus?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

words symbols

Separate the rectangles into two, three, four, and six equal parts. Record your work.



Shade one of the equal parts of each rectangle. Write the names of the shaded part using words and symbols to complete the table.

|  |  |  |  |
| --- | --- | --- | --- |
| 2 Equal Parts | 3 Equal Parts | 4 Equal Parts | 6 Equal Parts |
| One-Half |  |  |  |
|  |  |  |  |

Compare the size of the equal parts. When you separate the rectangle into more equal parts, what happens to the size of the equal parts?

**Unit Fractions - KEY**

Construct this rectangle on a geoboard.



How many ways can you separate the rectangle into two equal parts? Record your work.

[Hint: There are at least 4 ways.]



When the rectangle is separated into two equal parts, each part is what ***fraction*** of the rectangle?

In Words **one-half** In Symbols

Construct this trapezoid on a geoboard. Separate this trapezoid into two equal parts. Record your work.

When the trapezoid is separated into two equal parts, each part is what ***fraction*** of the trapezoid?

In Words **one-half** In Symbols

Valerie is in first grade. She separated the trapezoid as shown.



Use sentences to explain to Valerie why the shaded part is not one half of the trapezoid.

*The shaded part is not one-half of the trapezoid because the two parts are not equal in size.*

Construct this square on a geoboard. Separate the square into three equal parts. Record your work.



When the square is separated into three equal parts, each part is what ***fraction*** of the square?

In Words **one-third** In Symbols

Construct this rhombus on a geoboard. Separate the rhombus into four equal parts. Record your work.

When the rhombus is separated into four equal parts, each part is what ***fraction*** of the rhombus?

In Words **one-fourth** In Symbols

Separate the rectangles into two, three, four, and six equal parts. Record your work.



Shade one of the equal parts of each rectangle. Write the names of the shaded part using words and symbols to complete the table.

|  |  |  |  |
| --- | --- | --- | --- |
| 2 Equal Parts | 3 Equal Parts | 4 Equal Parts | 6 Equal Parts |
| One-Half | One-Third | One-Fourth | One-Sixth |
|  |  |  |  |

Compare the size of the equal parts. When you separate the rectangle into more equal parts, what happens to the size of the equal parts?

*When you separate the rectangle into more and more equal parts, the equal parts get smaller and smaller.*