Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Kindergarten Balloon Towers

Unit 5 Investigating Addition and Subtraction

How many balloons did you use to build your tower? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How many of each color balloon did you use?

Red: \_\_\_\_\_\_\_\_\_\_

Orange: \_\_\_\_\_\_\_\_\_\_

Yellow: \_\_\_\_\_\_\_\_\_\_

Green: \_\_\_\_\_\_\_\_\_\_

Blue: \_\_\_\_\_\_\_\_\_\_

How many **red** and **yellow** balloons did you use? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How many **green** and **blue** balloons did you use? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Did you use **more orange** or **blue** balloons? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Draw a picture of your balloon tower.

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 1st Grade Balloon Tower

Unit 3: Operations and Algebraic Thinking

How many balloons did you use to build your tower? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How many of each color balloon did you use?

Red: \_\_\_\_\_\_\_\_\_\_

Orange: \_\_\_\_\_\_\_\_\_\_

Yellow: \_\_\_\_\_\_\_\_\_\_

Green: \_\_\_\_\_\_\_\_\_\_

Blue: \_\_\_\_\_\_\_\_\_\_

How many **red, orange, and yellow** balloons did you use? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How many **green and blue** balloons did you use? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What color balloon did you use the most? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What color balloon did you use the least? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

If you only wanted to make the tower using **red** balloons. How many more red balloons would you have needed? Explain how you know using numbers or pictures.

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Second Grade Balloon Towers

Unit 1: Extending Base Ten Understanding

How many balloons did you use to build your tower? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How many of each color balloon did you use? Make a tally mark for each balloon and then write the number.

Red: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Orange: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Yellow: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Green: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Blue: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Complete the picture graph showing how many balloons you used of each color.

 Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| Red |  |
| Orange |  |
| Yellow |  |
| Green |  |
| Blue |  |

What color balloon did you use the most? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What color balloon did you use the least? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Third Grade Balloon Towers

Unit 6: Measurement

How many balloons did you use? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Write the number in word form: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Write the number in expanded form: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Estimate the height of your tower to the nearest foot: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Measure your tower to the nearest foot: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Estimate the height of your tower to the nearest inch: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Measure the height of your tower to the nearest inch: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How many balloons did you use to build your tower? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How many of each color balloon did you use?

Red: \_\_\_\_\_\_\_\_\_\_

Orange: \_\_\_\_\_\_\_\_\_\_

Yellow: \_\_\_\_\_\_\_\_\_\_

Green: \_\_\_\_\_\_\_\_\_\_

Blue: \_\_\_\_\_\_\_\_\_\_

Write the fraction that represents how many of each color balloon was used:

Red: \_\_\_\_\_\_\_\_\_\_

Orange: \_\_\_\_\_\_\_\_\_\_

Yellow: \_\_\_\_\_\_\_\_\_\_

Green: \_\_\_\_\_\_\_\_\_\_

Blue: \_\_\_\_\_\_\_\_\_\_

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Fourth Grade Balloon Towers

Unit 2: Multiplication and Division of Whole Numbers

How many balloons did you use to build your tower? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Show how many of each color you used number and as a fraction of the whole.

|  |  |  |
| --- | --- | --- |
| Color | Number | Fraction |
| Red |  |  |
| Orange |  |  |
| Yellow |  |  |
| Green |  |  |
| Blue |  |  |

Multiply the number of red balloons by the number of orange balloons:

Red x Orange = \_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_

What is the product? Find as many other numbers as you can that when you multiply them together, they will have the same product?

Multiply the number of yellow balloons by the number of blue balloons:

Yellow x Blue = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What is the product? Find as many other numbers as you can that when you multiply them together, they will have the same product?

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Fifth Grade Balloon Towers

Unit 6: Volume and Measurement

How many balloons did you use to build your tower? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Show how many of each color you used number, fraction, and as a decimal.

|  |  |  |  |
| --- | --- | --- | --- |
| Color | Number | Fraction | Decimal |
| Red |  |  |  |
| Orange |  |  |  |
| Yellow |  |  |  |
| Green |  |  |  |
| Blue |  |  |  |

Estimate the height of the tower to the nearest inch: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Measure the height of the tower to the nearest half inch: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Draw a diagram of the tower in the space below. Label the length, width, and height of the tower. Find the area and perimeter of the tower. Be sure to include the proper unit.