Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lego Fractions

Collect 24 Lego pieces and sort them into groups using any method you wish. Complete the table and answer the questions using these groups of Legos.

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| --- | --- | --- | --- | --- | --- |
| Lego group | Fraction of the whole | Show your fraction in a drawing | ⅔ of the fraction | ¾ of the fraction | ⅘ of the fraction |
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1. Create something using all the Legos.
2. Take a picture of it using your Chromebook.
3. Then upload the picture into a Google Slide.
4. Include a text box that explains the fraction of each group.
5. Create something using ⅔ of your total Legos. Take a picture and upload it into a new slide. Include a text box with the fraction of each Lego category for this new group.
6. Create something using 3/4 of your total Legos. Take a picture and upload it into a new slide. Include a text box with the fraction of each Lego category for this new group.
7. Create something using 4/5 of your total Legos. Take a picture and upload it into a new slide. Include a text box with the fraction of each Lego category for this new group.
8. Make a new design using all of your Legos and keep it secret from a partner. Draw a picture of your design below and label the fraction of each color and each block (ex. 2 x 2). Then take your design apart and give your drawing and your Legos to a partner to see if they can recreate your design.