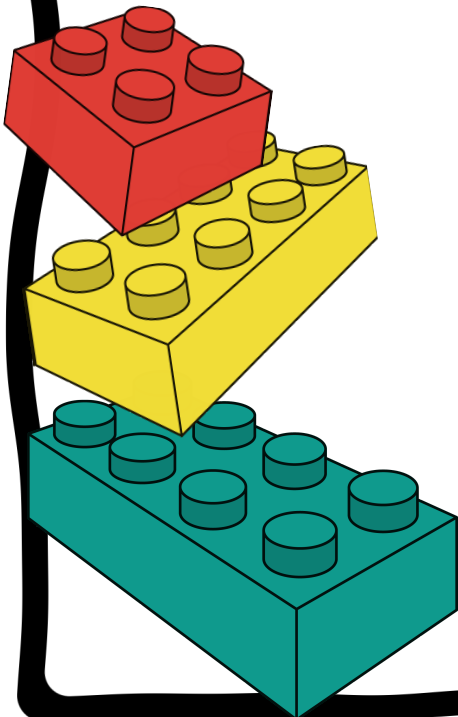
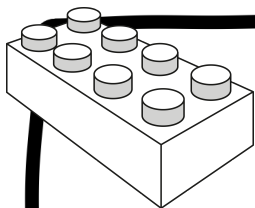


# Learning with LEGO<sup>®</sup>: Sample



# Learning with LEGO<sup>®</sup>: Contents

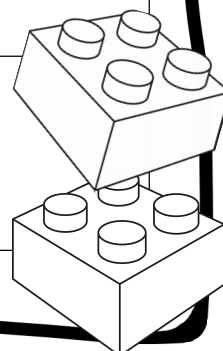
- **Build & Count Cards:** Counting, number recognition, number order
- **Roll, Build & Compare:** Counting, addition and comparing numbers
- **Cover the Mat:** Counting, numbers to 20
- **LEGO<sup>®</sup> Equations:** Addition, composing and decomposing numbers
- **LEGO<sup>®</sup> Coloring:** Addition, make ten
- **LEGO<sup>®</sup> Addition & Subtraction:** Addition, subtraction, writing equations
- **LEGO<sup>®</sup> Counting:** Place value, numbers to 20
- **LEGO<sup>®</sup> Build & Count:** Place value with 2 digit numbers
- **Race & Build to 100:** Addition to 100, creativity
- **100 LEGO<sup>®</sup> Challenge:** a STEM challenge that includes counting, measuring and graphing
- **LEGO<sup>®</sup> Shapes:** Shape mats to learn shapes and vocabulary
- **Shape Challenge Cards:** More practice with shapes & vocabulary
- **LEGO<sup>®</sup> Patterns:** Pattern cards with 5 different patterns
- **LEGO<sup>®</sup> Multiplication Task Cards:** Equal groups, expressions and word problems
- **LEGO<sup>®</sup> Arrays:** Multiplication with arrays
- **Array Challenge:** Multiplication with arrays
- **Cover the Mat Challenges:** Creativity & visual spatial awareness



# Roll, Build & Compare

**Directions:** Collect a pile of LEGO® bricks in **two colors**. Roll a die and record the number in the first column. Collect that number of the first color of LEGO® and then roll a second time and collect that many of the second color. Then determine how many you have altogether and which color is greater.

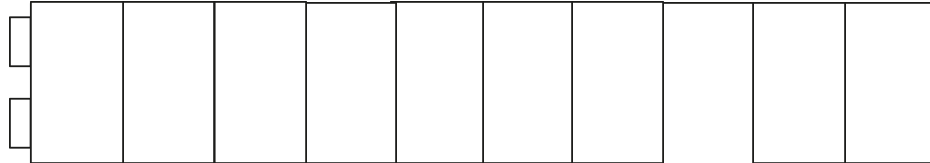
Roll #1	Roll #2	Total bricks	Which color is greater?



# LEGO® Coloring

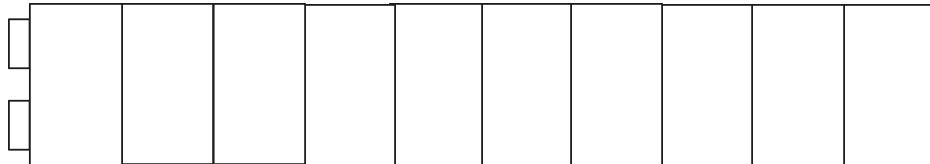
Directions: Use two different colors to color each set of the LEGO® bricks. Then write equations to show different ways to make 10. How many different combinations can you find?

1.



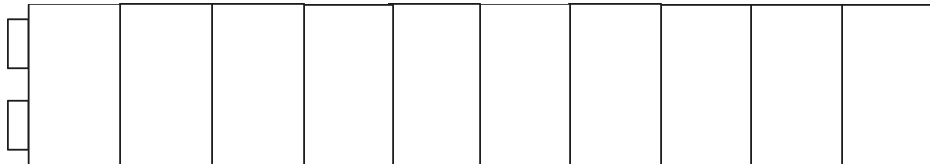
Addition equation: \_\_\_\_\_

2.



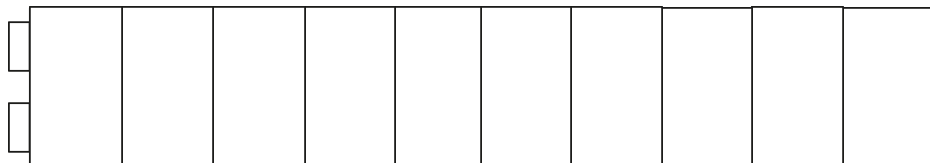
Addition equation: \_\_\_\_\_

3.



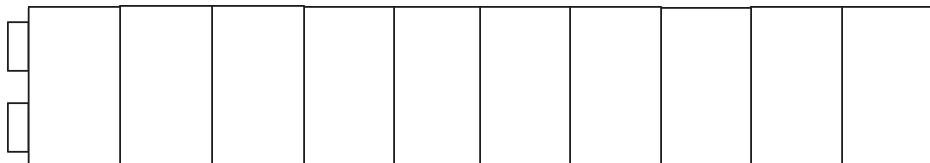
Addition equation: \_\_\_\_\_

4.



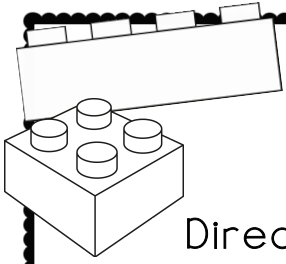
Addition equation: \_\_\_\_\_

5.



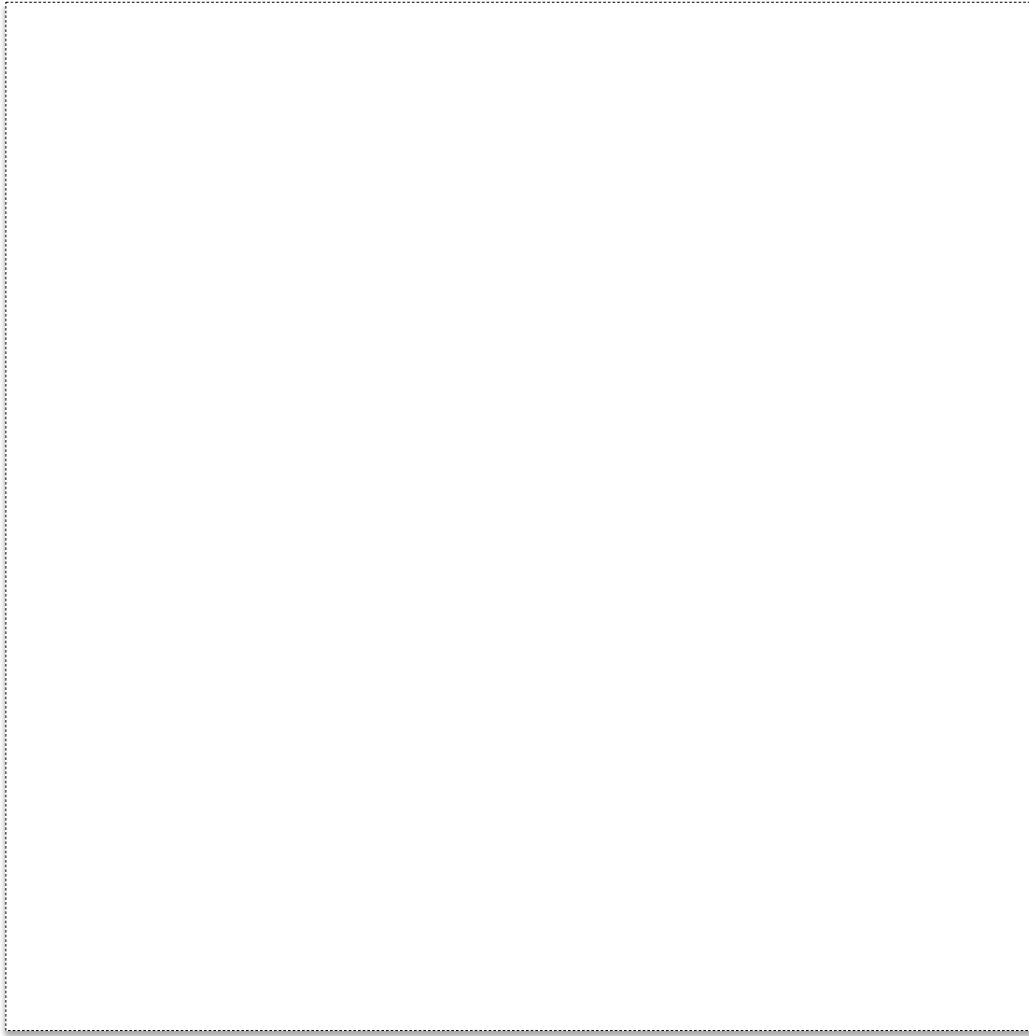
Addition equation: \_\_\_\_\_





# LEGO® Shapes

Directions: Outline the shapes with LEGO® bricks. Then answer the questions about each shape!

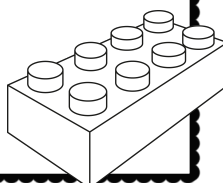


## Square

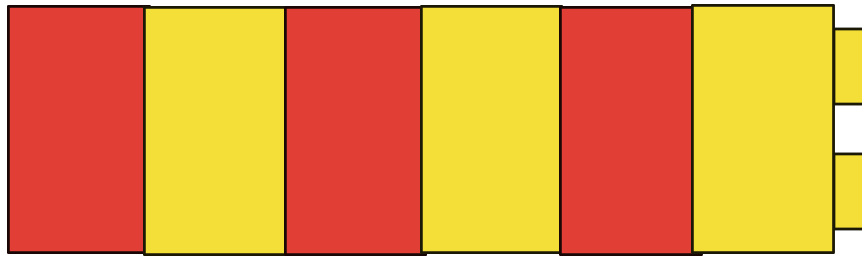
What do you notice about a square? \_\_\_\_\_  
\_\_\_\_\_

How many sides does it have? \_\_\_\_\_

How many LEGO® bricks did it take to outline it? \_\_\_\_\_



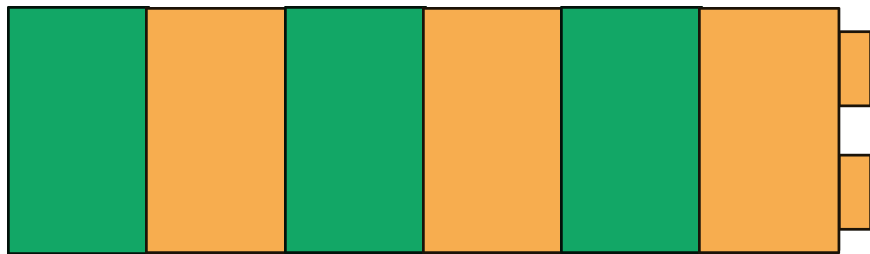
# LEGO® Patterns: Build & Extend



What colors come next? Continue the pattern with 3 more LEGO® bricks.

© 2018 MathGeekMama.com

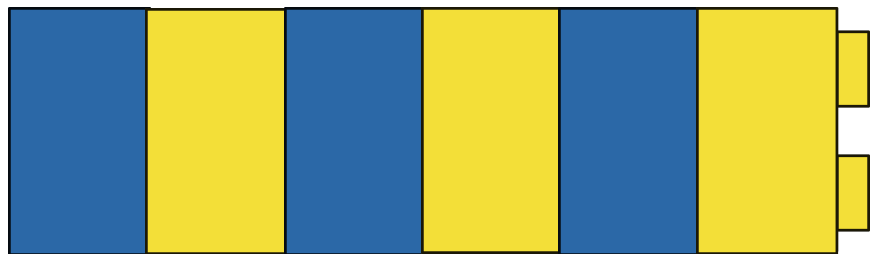
# LEGO® Patterns: Build & Extend



What colors come next? Continue the pattern with 3 more LEGO® bricks.

© 2018 MathGeekMama.com

# LEGO® Patterns: Build & Extend

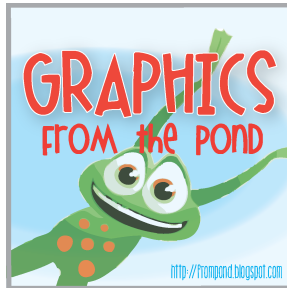


What colors come next? Continue the pattern with 3 more LEGO® bricks.

© 2018 MathGeekMama.com

# Thank You!

This resource was made possible thanks to the clipart and fonts from these shops:



As well as fonts from [Brittney Murphy Design](#)



## Connect with Me:

Website: [www.MathGeekMama.com](http://www.MathGeekMama.com)

FB: <https://www.facebook.com/mathgeekmama/>

Pin: <https://www.pinterest.com/mathgeekmama/>

T/IG: @mathgeekmama