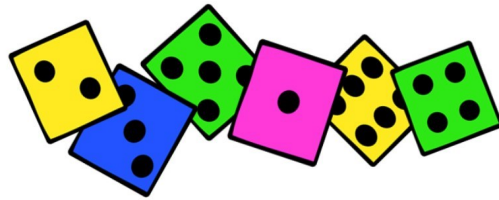




Dice Addition

(with extension activity on Probability)



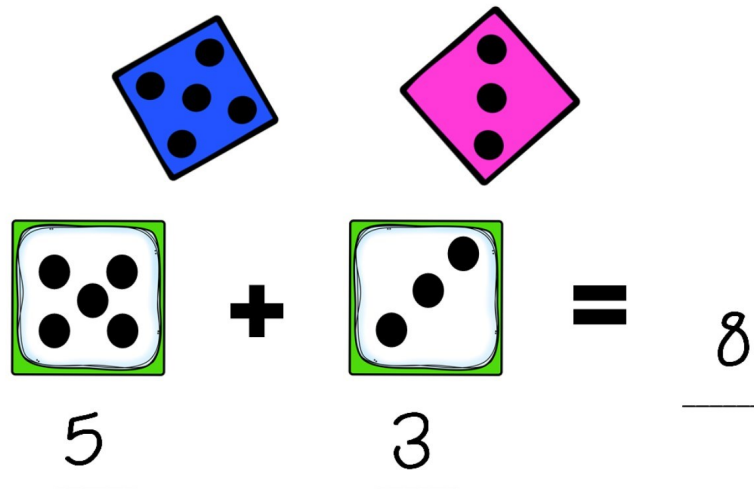
Instructions:

Roll a dice. Draw the dots in the first box and write the number on the line underneath. Roll, draw, and write again. Count the total number of dots and write the number on the final line.

Pro tip:

Find the smaller number and hold up that many fingers. Now say the larger number out loud, then touch each of your fingers (that represent the smaller number) to your nose as you count up from the larger number.

For example, if you roll a 5 and a 3, you would hold up three fingers (for the smaller number), say "5!" then touch each of your three fingers to your nose one at a time and say, "6, 7, 8." Then you would write $5 + 3 = 8$. (or $3 + 5 = 8$)

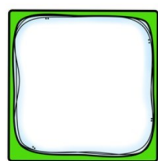


Print as many copies of this sheet as you need. Roll the dice and fill in the squares, then practice adding the numbers by counting on (using the trick described on the previous page). If you want to first practice writing numbers, you can trace these:

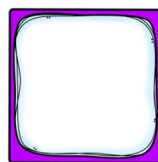
1 2 3 4 5 6 7 8 9 10 11 12



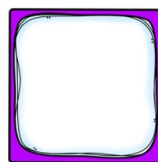
+



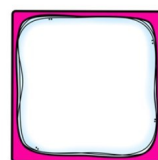
=



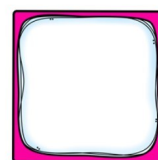
+



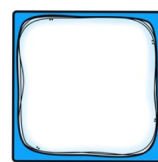
=



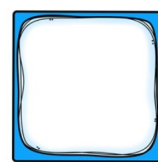
+



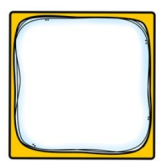
=



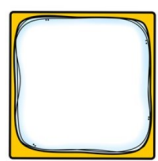
+



=



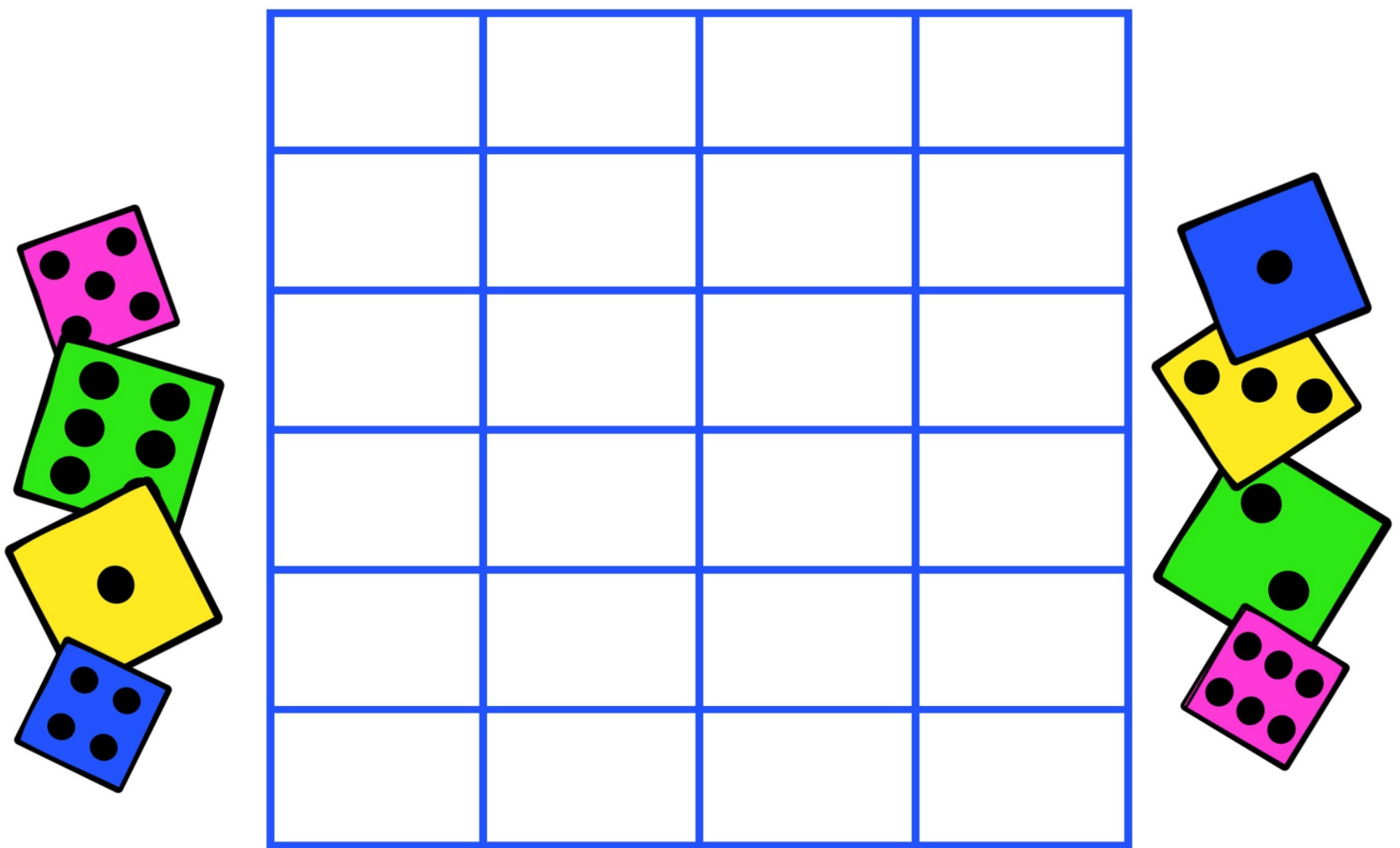
+



=

Extension Activity: Introduction to Probability

Each number on the dice has an equal chance of getting rolled. This means that if you roll the dice 6 times, you could roll a 1, 2, 3, 4, 5, and 6. But, that rarely happens. If you roll the dice several times, however, you have a better chance of rolling each number the same amount of times. Try rolling the dice 24 times and record your results on this chart. Then count up how many times you rolled each number. Theoretically, each number should get rolled close to 4 times. How did your numbers work out? Try printing this page twice and recording 48 rolls. See if each number got rolled close to 8 times. The more you roll the dice, the more likely it is that each number will occur an equal amount of times. Have fun! :))



Number on
dice

1

2

3

4

5

6

How many
times did you
roll this num-
ber?

24

24

24

24

24

24

Terms of Use:

This is intended for use in a single home or classroom. To share this with others, please send them to my website (<https://realworldlearners.com>) or the direct post that this came from (<https://realworldlearners.com/math-with-dice-addition-probability/>) where they can get their free download. This helps keep my small home-based business alive for another day -- *thank you for your understanding!*

More Products:

If you would like to see more free printables and full activity-based lesson units, you can visit my online store at <https://www.teacherspayteachers.com/Store/Sandra-Balisky>.

My Website:

You can find the stories behind the products as well as follow our ongoing adventures with child-led learning at my website: <https://realworldlearners.com/>

Pinterest:

Follow me on Pinterest to see my continuously curated list of learning resources and activities for kids. <https://www.pinterest.com/sandrabethany/>



Credits:

Clip Art and some fonts from Creative Clips
<http://www.teacherspayteachers.com/Store/Krista-Wallden>