



# ZORBIT'S MATH

## HOME-LEARNING KIT

**Para-Dice Horse Race**

# HOW TO PLAY!

**Follow the instructions\*** and use the questions to get your kids thinking and talking about the math.

## What You'll Need

- 1 or 2 six-sided dice
- Race Track print-outs (included), or hand-draw your own.

## Kindergarten and Grade 1

1. Use the “And They’re Off” Race Track.
2. Roll one dice. Colour one block on the track above the horse with the corresponding number.
3. Repeat step 2 until one of the columns is filled up to the finish line. That horse is the winner!

## Questions To Ask

- Which horse went the farthest?
- Will the same horse win every time?
- Did any horses not move at all?
- How far behind is the second place horse?
- Let’s play again and compare the results!

## Grades 2 and 3

1. Use the “To The Races” table and grid.
2. Roll a pair of dice and find their sum. Tally the dice sum on the table of values (i.e. if you roll a 2 and a 5, put a tally mark next to the 7).
3. Repeat step 2 as many times as you like - the more you roll, the better.
4. Use the table of values to create a bar or line graph on the grid.

## Questions To Ask

- Why is there no “1” in the table of values?
- Which numbers showed up the most/least? Why?
- How can you use the bar graph to figure out the total number of rolls?

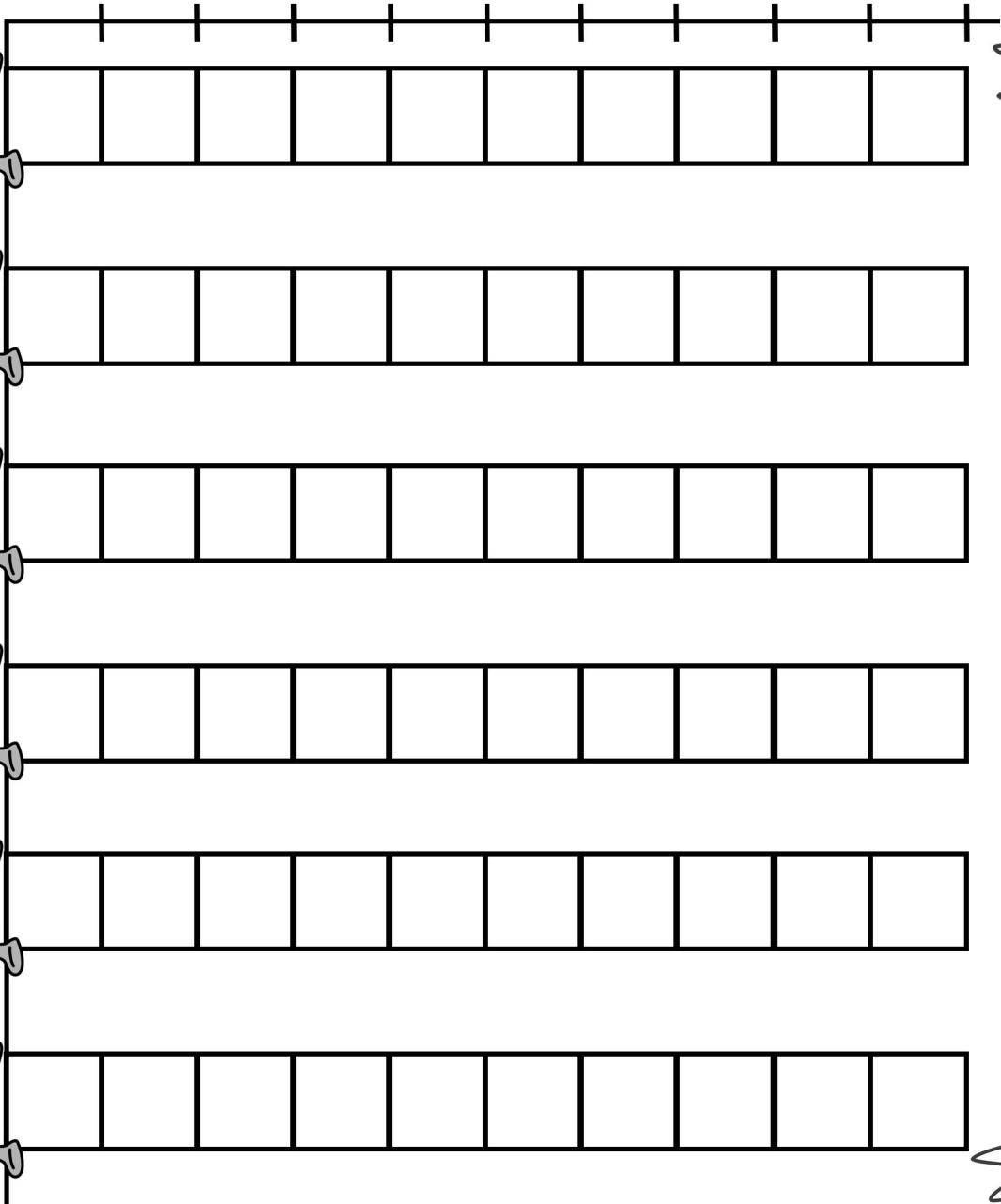
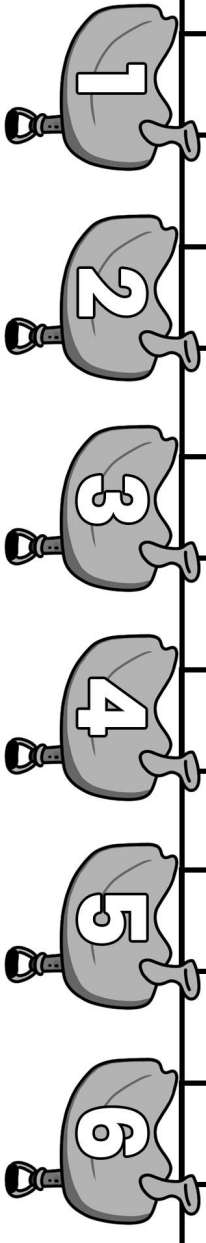
*\*These instructions are mere guidelines. Do whatever works best for your kiddos!*



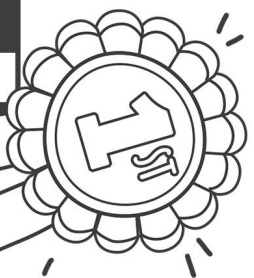
SEE HOW TO PLAY



# AND THEY'RE OFF!



**FINISH!**



5

10



# TO THE RACES!

**Dice Sum**

**Tally**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**10**

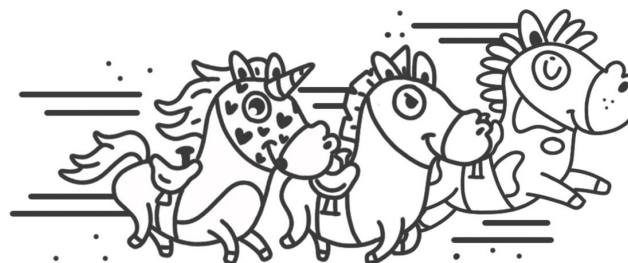
**11**

**12**

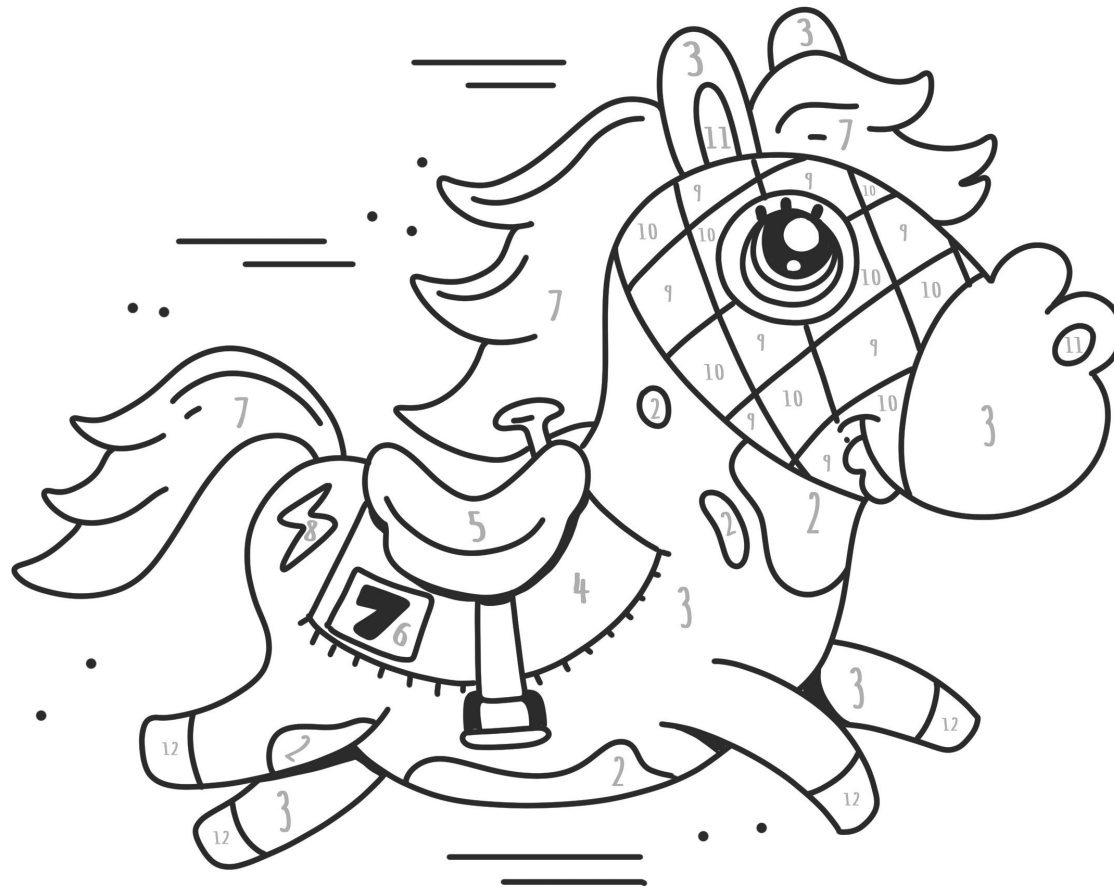
**Tally**

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

**Dice Sum**



# COLOUR ME!



**2 - Pink**

**3 - Light Blue**

**4 - Orange**

**5 - Dark Brown**

**6 - Light Brown**

**7 - Dark Blue**

**8 - Yellow**

**9 - Light Green**

**10 - Dark Green**

**11 - Red**

**12 - Purple**

# NO PRINTER? NO PROBLEM!

Just like the activity designer's kids, you can have just as much fun sketching out these activities!





WITH ZORBIT'S

**Kids Can fly!**



**We'd Love to Hear What You Think of This Activity**

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