



Instructions: Complete challenge items that you choose when you can fit them into your summer schedule. Color the sections of your challenge card after each challenge you complete. Once your challenge card is filled, fill out and submit the [math challenge completion form](#) **before 11:59pm EST on July 31st 2021** to claim your prize. See the end of this document for rules and regulations. Please don't hesitate to email hoffmantutoringgroup@gmail.com with any questions or concerns.

Enter for bonus prize drawing: If you would like to be entered into the bonus drawing, have your parent or guardian post a picture of your colored challenge card to Instagram using the hashtag #HTGSummerMathChallenge and tagging @hoffman.tutoring.group. If their account is set to private, email a screenshot of the post to hoffmantutoringgroup@gmail.com.

Rules and Regulations:

- This challenge is open to all K-8th grade students in the US and Canada
- Receipt of prize is not guaranteed by Hoffman Tutoring Group or any participating party
- No purchases necessary to enter for a prize or the bonus drawing
- The bonus prize drawing is in no way sponsored by Instagram or any other company that is mentioned in the promotion of the drawing
- Students are only eligible for a prize if a clear photo of their completed card is uploaded to [the completion form](#) with a valid mailing address by 12:00PM EST on July 31st 2021
- Only one prize per student.

Helpful Links:

- [All information and updates for 2021 summer math challenge](#)
- [Completion form](#)
- [More fun math activities](#)
- Find Hoffman Tutoring Group on [Facebook](#) and [Instagram](#)

Summer Math Challenge Items

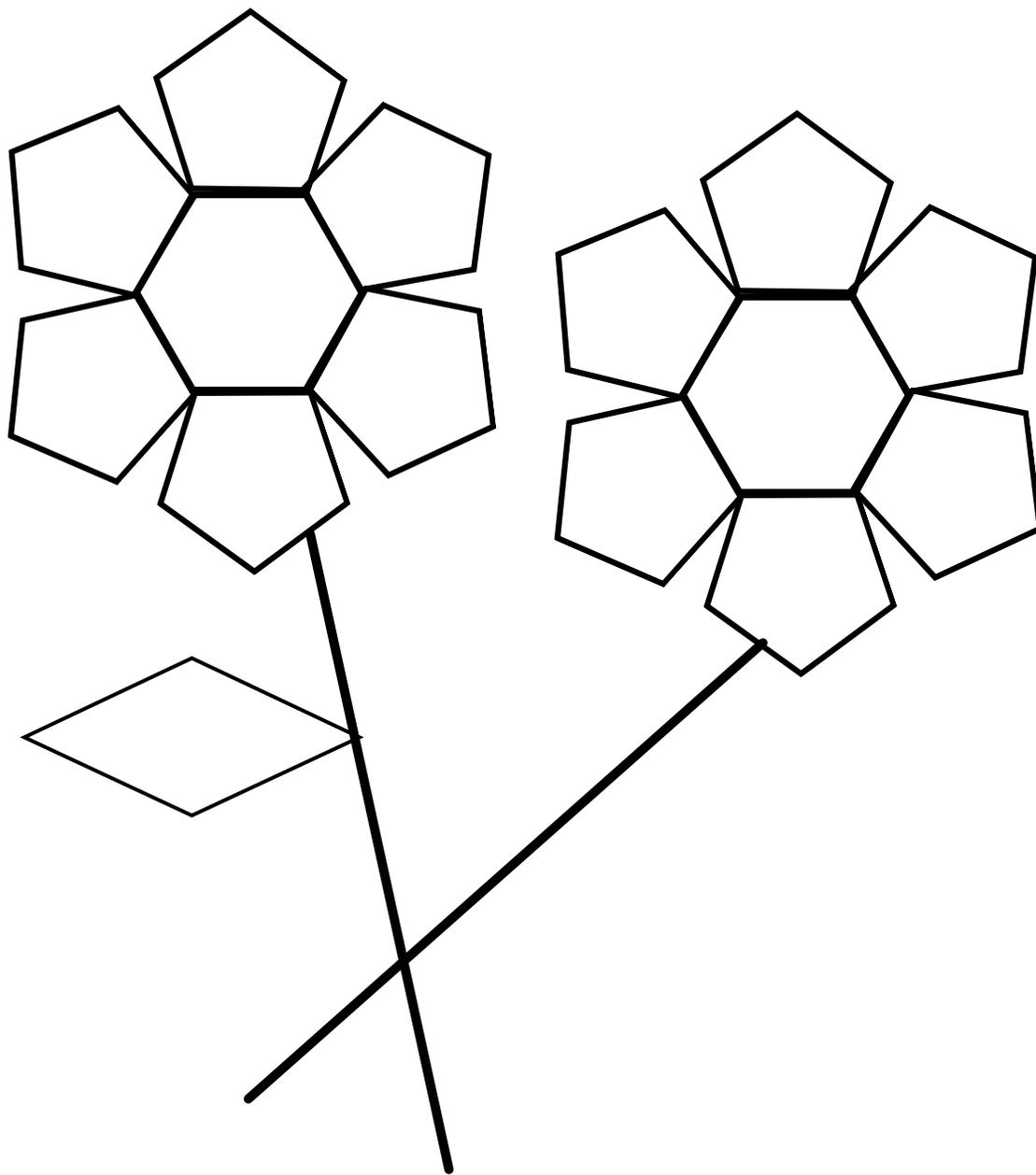
- Bake or cook something using a recipe.
- Play with tangrams [\(print some here\)](#)
- Play a board game that uses dice.
 - For Kinder use 1 dice
 - For 1st-3rd grade use 2 dice
 - For 4th-8th grade use 2+ dice
- Play a board game. Tally how often each number was rolled. What do you notice?
- Pay for something at the store using bills and coins
 - For K-2nd grade pay with bills
 - For 3rd-5th grade pay with exact change
 - For 6th-8th grade pay and then check the change you get to ensure it's correct
- Ask an adult how they use math in their everyday life
- Solve a math riddle or logic puzzle
- Explore fractions:
 - K-1st grade share a cookie, brownie, cake or another treat evenly between you and someone you love. Talk about how you know it's fair.
 - 2nd-5th grade. Go on a fraction scavenger hunt. Find as many fractions in your house as you can in 10 minutes. Compete with a sibling or parent to make it fun!
 - 6th-8th grade. Half or double a recipe
- Figure out how much it will cost for your family to attend an event that requires tickets (think movies, amusement park, fair, zoo, etc.)
 - K-5th grade just figure out the price
 - 6th-8th grade is there an equation you could use to figure out the price for any size family?

- Go on a walk. Point out as many shapes as you can see.
- Help with a home project. How did you use math?
- Measure a piece of furniture in your house (length, width, and height)
- Measure human height:
 - K-2nd grade - how tall are you?
 - 3rd-5th grade- measure two other people in your house. Who is tallest?
 - 6th-8th grade- What's the average height of your household?
- Use sidewalk chalk to:
 - K-1st grade - practice writing numbers
 - 2nd-4th grade- write math facts
 - 5th-8th grade- draw 3-D shapes and label them
- Practice counting while jumping or bouncing a ball:
 - K-1st grade- count as high as you can
 - 2nd-4th grade - skip count by 5's, 10's, 2's and 3's
 - 5th-8th grade - skip count by fractions
- Do origami with an instructional book or video
- Do a probability experiment by flipping coins
 - K-2nd grade flip the coin 20 times. How many times do you think you will flip heads? How many times do you actually flip heads?
 - 3rd-8th grade flip the coin 10 times. How many times did you get heads? Flip the coin 100 times. How many times did you get heads? How many times do you think you would flip heads if you flipped 1000 times?
- Talk to someone about your typical summer schedule. What time do you normally eat lunch? How long is it between lunch and bedtime?
- Write a story problem for a family member to solve.
 - K-2nd grade: write a story problem that requires addition or subtraction.

- 3rd-5th grade: write a story problem that requires multiplication or division.
- 6th-8th grade: write a story problem that requires the use of fractions or decimals.
- Draw or paint a picture that uses symmetry
- Draw a picture using only shapes
- Build something with blocks, legos, or magnatiles
- Make a sundial and use it to tell time
- Read a [book about math](#)

2021 Summer Math Challenge

#HTGSummerMathChallenge



Instructions: Color in one shape for every math challenge you complete. See directions sheet for challenges and instructions on how to claim your prize!