

Math Mondays! Summer 2025

3rd – 5th Grades

A Note to Parents

This summer packet is brought to you by MPASS Education. For more details about our services and our commitment to supporting lifelong learning, please visit our website.

We aim to help all students recognize how the skills they acquire in the classroom are applicable in their daily lives.

Please use these materials thoughtfully. They are intended for quality time spent discussing the coloring page and the accompanying questions, not as a form of punishment. It's important to remember that your student may not always provide the correct answer; what matters is the dialogue that follows. Encourage engaging conversations with your child instead of solely teaching formulas. Fostering continued learning and relating it to real-world contexts is crucial for healthy brain development!

MPASS Education provides “Math Mondays” each week during the school year and are providing the summer packets as well as additional Math Monday activities throughout the summer. Check out the additional Math Mondays within our blogs.

Themes:

June:

- Camping and
- Fun Day at the Beach

July:

- Celebrating the 4th of July and
- Family Reunion

August:

- Back to School Supplies



Camping

Camping is an outdoor activity where people spend the night in a tent or other temporary shelter. It's a fun way to enjoy nature, spend time with family, and learn new skills. Camping can involve activities like hiking, playing outdoors, cooking meals over a campfire, and stargazing.

Included activities: coloring page, wordsearch, and math questions.





CAMPING



BACKPACK

BUGSPRAY

COOLER

FIRE

FISHING

HIKE

HOTDOGS

LANTERN

MARSHMALLOWS

SLEEPINGBAG

SMORES

STARGAZING

SUNSCREEN

SWIMMING

TENT



1. Bill and his family are camping. Bill has seen 5 squirrels, 3 chipmunks, 2 raccoons, 8 ducks, and 4 deer. How many animals has Bill seen in all?

Answer	
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2. What animals do you like or want to see while camping or enjoying outdoor activities?

3. Kendra's family enjoys making s'mores. Each s'more needs 2 graham crackers, 1 square of chocolate and 1 marshmallow. Kendra has 28 marshmallows, 18 squares of chocolate and 16 graham crackers. How many s'mores can Kendra make with these ingredients? Use words and numbers to support your answer.

4. Jake and Allan are hiking trails. The map shows that the total distance will be 4 miles. It is recommended to have 16 ounces of water for every hour of hiking. Their average hiking rate is 25 minutes per mile. How much water should they take on their hike? Use words and numbers to support your answer.

Fun at the Beach!

A fun day at the beach could involve swimming, building sandcastles, playing beach games, and collecting shells or rocks. Kids can also enjoy exploring rock pools, trying out water sports, or just relaxing on the sand and soaking up the sun.

Included Activities: coloring page, crossword puzzle and math questions.





-CROSSWORD-

Beach Day

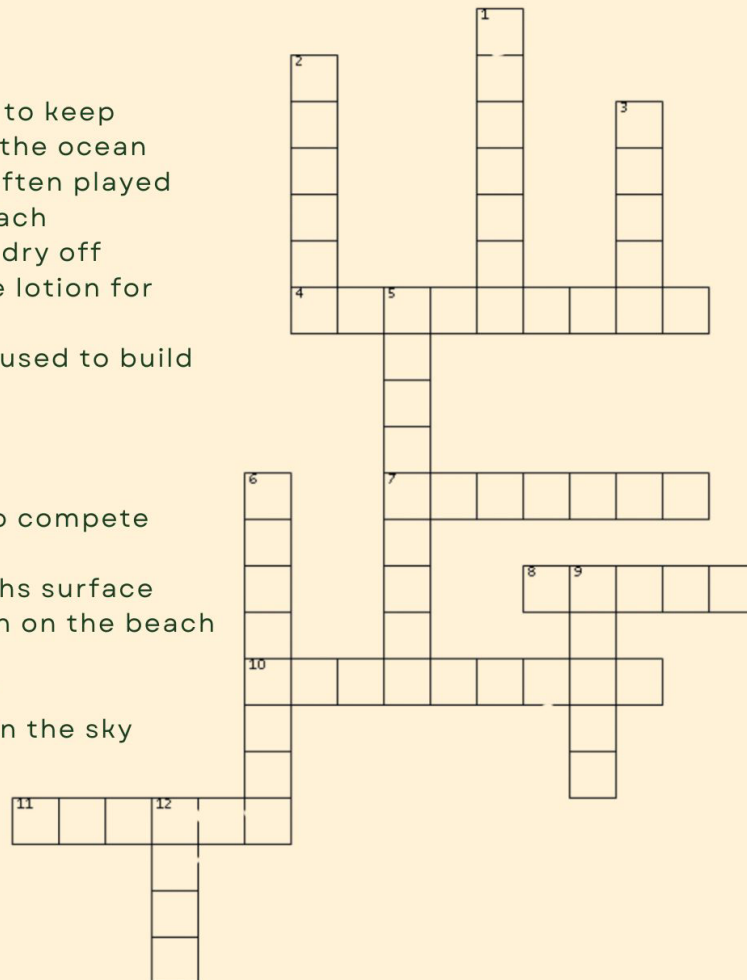
Use the clues to fill in the words below.

Across

- 4. - their job is to keep people safe in the ocean
- 7. - flying toy often played with on the beach
- 8. - use this to dry off
- 10. - protective lotion for your skin
- 11. - tool often used to build sand castles

Down

- 1. - sport using waves to compete
- 2. - a group of fish
- 3. - covers most of earth's surface
- 5. - footwear often worn on the beach
- 6. - beach clothing
- 9. - large body of water
- 12. - toy that flies high in the sky



1. Ian, Miguel, and Alex are collecting sea shells. Ian has collected 42 shells, Miguel has 18 shells, and Alex has 27 shells. Ian claims that he has collect more shells than Miguel and Alex have combined. Do you agree or disagree with Ian’s claim? Use words and numbers to support your answer.

2. It is important to put on sunscreen every 2 hours while at the beach. Wendy is going to be at the beach for 6 hours. She put on sunscreen at 10 am when share arrived at the beach. List the other times of the day she should put on sunscreen? Support your answer using words and numbers.

3. John has \$30 to spend on beach toys. Table 1 shows the items and the cost (including taxes).

Table 1: Beach Toys

Name of Toy	Cost
Beach Ball	\$5
Large Bucket and Shovel	\$8
Tools for making sand castles	\$17
Boogie board	\$12
Snorkel set	\$15

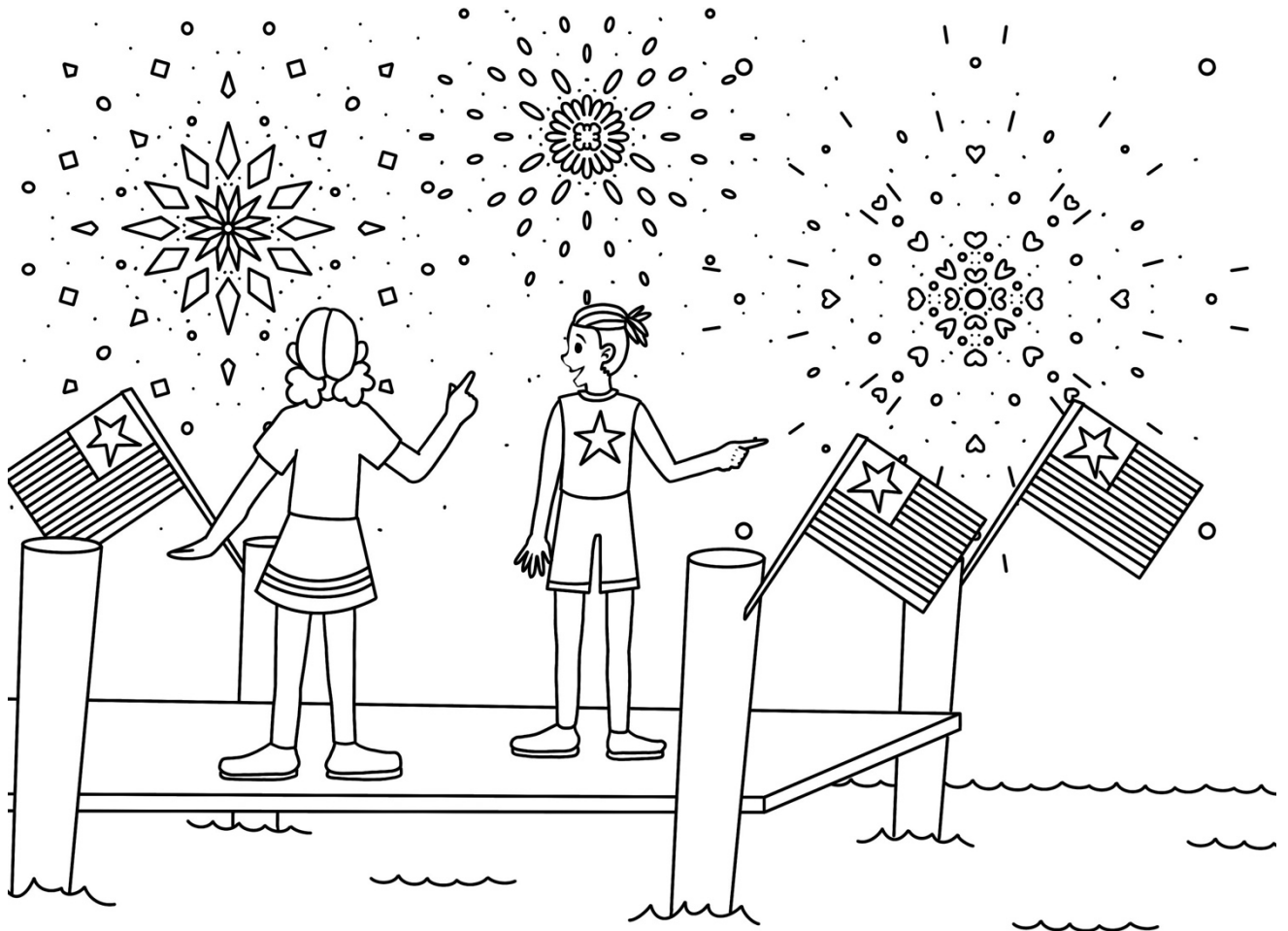
Which toys do you think John should buy? Use words and numbers to show that he has not spent more than \$30.

4. What activities do you like to do at the beach?

Celebrating the 4th of July

The Fourth of July, also known as Independence Day, commemorates America's independence from Great Britain. This significant occasion marks the anniversary of the signing of the Declaration of Independence on July 4, 1776. It is a wonderful time for families and communities to come together, partake in patriotic festivities, enjoy cookouts, and watch dazzling fireworks.

Included Activities: coloring page, word scramble, and math questions.



Solve the anagrams to reveal the letters for the final message
Solve the anagrams in the top part of the puzzle.
Use the circled letters from the words in the top part to complete the final word or phrase at the bottom.
Each circled letter is used just once.

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1. Andy needs 50 sparklers for his family’s celebration. Each box has 5 sparklers. How many boxes of sparklers does Andy need? Use words and numbers to support your answer.

2. Sam has \$450 to spend on fireworks. Table 1 provides a list of fireworks and their cost.

Table 1: Fireworks

Name	Cost
Cake	\$85
Roman Candle	\$100
Palm	\$150
Peony	\$175

Which fireworks do you recommend Sam purchases? Use words and numbers to support your decision.

3. Professional fireworks displays are incredibly dangerous and much needs to be done for people to enjoy the show but also be safe. A 5-inch shell firework travels at a speed of 130 miles per hour (191 feet per second). They need to explode when they are at a height greater than 500 feet. How many seconds does the firework travel before it safely explodes in the air? Use words and numbers to support your answer.

4. How do you celebrate the 4th of July?

Family Reunion

A family reunion is a gathering where members of a family, including grandparents, parents, aunts, uncles, and cousins, come together to spend time together. It's a chance to reconnect, catch up, and have fun, often involving activities like meals, games, and stories.

Included activities: coloring page, decoding a message and math questions.





Family Reunion

Decode the message.
Each letter in the phrase has been
replaced with a random number.
Try to decode the message.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
4	13	7	19	3	22	15	8	26	17	14	24	12	18	11	21	6	16	2	20	9	10	1	23	5	25

4 22 4 12 26 24 5 16 3 9 18 26 11 18
26 2 4 20 26 12 3 20 11 16 3 12 3 12 13 3 16
4 20 26 12 3 20 11 7 3 24 3 13 16 4 20 3
4 20 26 12 3 20 11 2 8 4 16 3 11 24 19 2 20 11 16 26 3 2
4 18 19 12 4 14 3 18 3 1 12 3 12 11 16 26 3 2

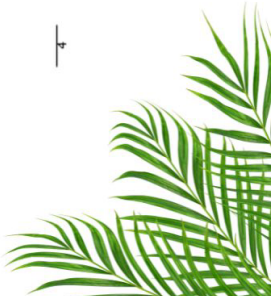


Table 1 tells the number of people attending the Reed Family Reunion.

Table 1 Reed Family Reunion

Sibling Name	Number attending the reunion
Bob	12
Charlene	15
Chuck	2
Lanice	8
Marie	10

1. Scott claims that there are 37 people attending the Reed Family Reunion. Do you agree or disagree with Scott's claim? Use words and numbers to support your answer.

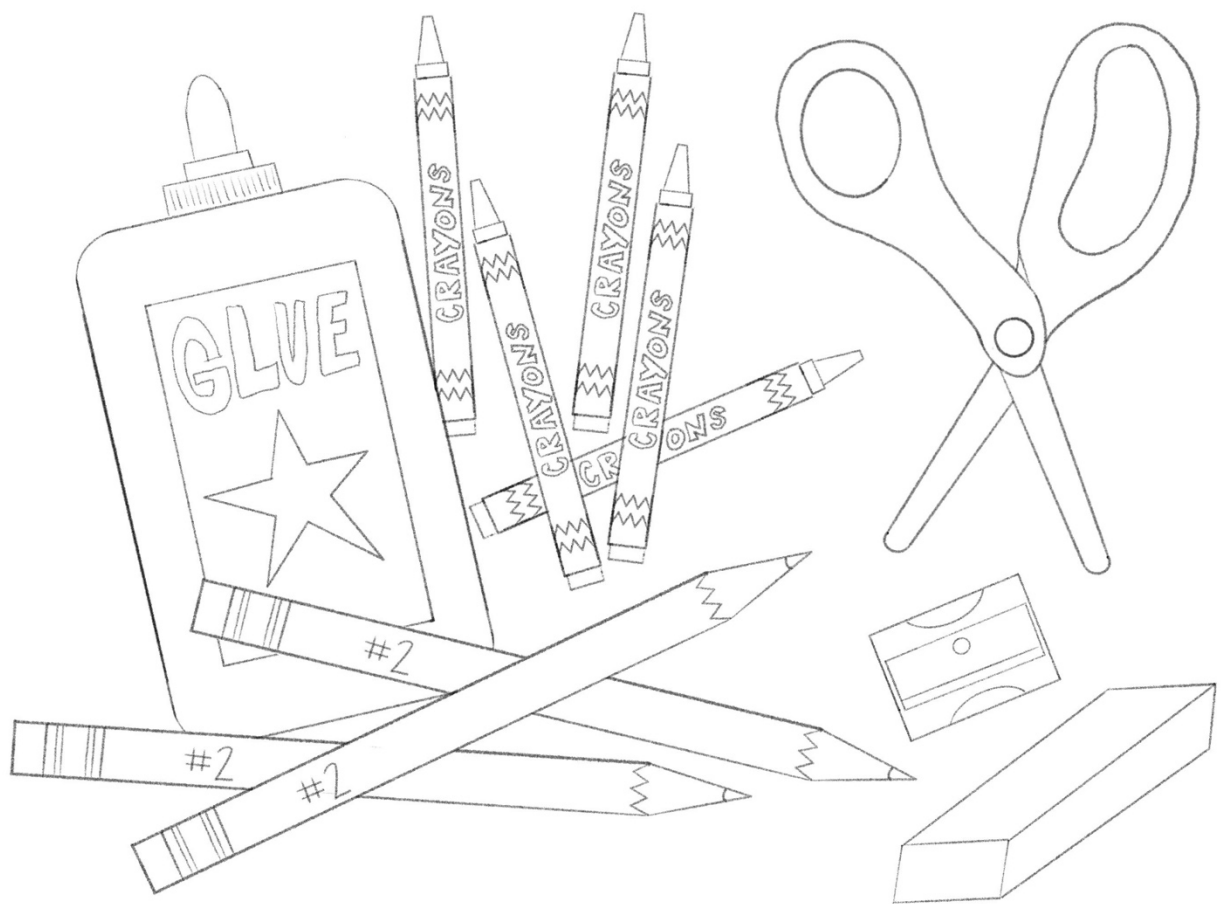
2. Many families grill the main dish during a reunion. This may include hamburgers and hot dogs or be as elaborate as ribs and chicken. It is suggested to plan for 8 ounces of meat per person. Uncle Chuck has purchased 96 ounces of chicken, Aunt Marie has 150 ounces of hamburger. How many ounces of pulled pork do they need to have enough meat for everyone attending the family reunion?

3. Aunt Charlene is bringing her amazing macaroni salad. She wants to make sure there is enough for every person. A serving of macaroni salad is $\frac{1}{2}$ cup. How many cups of macaroni salad does she need for everyone attending the family reunion? Use words and numbers to support your answer.

Back to School Shopping

Back-to-school shopping is when families buy everything they need for the upcoming school year. It's like getting ready for a new adventure, but with pencils, backpacks, and clothes! Parents often make lists to help them remember what's needed, like supplies for writing, keeping things organized, and maybe even new clothes to wear to school

Included activities: Coloring page, word search, and math questions.





BACK TO SCHOOL



PMAJZDBXXFVMAHKAQXYL
FTERVFIHNARKIUTBQOHO
WNUJPENCILYIMSGYWATC
WOLAMWEMYOBFEBULWPK
PJRWUVABEWDINDXSIHE
HJBKLTQTASVJNXDQATSR
BFVNBUEHCOUVXEESPFAS
ZUHBBOOACQSUPPLIESGJ
CLUEODOZCCKPRYZGEKEV
EHMMONFKHHDCEEKCECNA
AMARKERSYGEIUIAHRMHH
OVEGSKFOLDERDAXDMVOL
DIKPSWVHKRPNRKVCIFHB
CVMJPGLWALUNCHBOXNXI
HXFDEHNWIJEMSEYKGMGN
CORLLJUZMVVDVORN SGID
EOUMLBACKPACKCBAOXUE
ZULYIGSHWLPLYUISSVR
KQEINZFTTZTQEOSNLEJB
ZSRKGUUFVRVDBWB PWRU

LUNCHBOX
ERASER
RULER
MARKERS
MATH
SPELLING
READING
WORKBOOK

TEACHER
BACKPACK
SUPPLIES
PENCIL
FOLDER
FRIENDS
AUGUST
BINDER

MPASS EDUCATION

Table 1 shows some of the supplies needed for 3rd, 4th, and 5th grade students.

Table 1 Supplies by Grade Level

Name of Supply	Number Needed for 3 rd Grade	Number Needed for 4 th Grade	Number Needed for 5 th Grade
Colored Pencils	1 box (12 count)	1 Box (18 count)	1 Box (24 count)
Wide Ruled Paper	100 count	200 count	700 count
No 2 pencils	4	8	12
Glue Sticks	12	6	2
Composition Book	3	4	6

- Judy has a child in 3rd grade, and 2 children in 5th grade. The store has two options for glue sticks. Option 1 has 6 glue sticks and cost \$6.75. Option 2 has 30 glue sticks and cost \$9.35. Which option is better for Judy? Use words and numbers to support your answer.

- Composition books are on sale for \$1.25 each. Brian has 1 child in each grade level (3rd, 4th, and 5th). What is the total price for all of the composition books Brian needs to purchase? Use words and numbers to support your answer.

- The store is selling both 100 count and 200 count wide ruled paper. Josh needs to purchase enough wide ruled paper for one 4th grade student and one 5th grade student. Tell the number of 100 count and 200 count packages of wide ruled paper Josh needs to purchase.

Number of 100 count wide ruled paper	
Number of 200 count wide ruled paper	