



# St. Martin's

## EPISCOPAL SCHOOL

### Rising 2nd Grade 2021 Math Summer Packet

Happy July! We hope you are having a great summer.

Believe it or not, school starts in five weeks. For the rest of the summer, your assignment is to spend 10-15 minutes each day on math. It is important to practice EVERY day because if you don't use it, you might lose it!

This notebook includes four weeks of work. Since there are five weeks of summer remaining you can decide which week you want to take a break.

The weekly assignments include:

- Numbers of the Week - practice your multiplication facts for these numbers every day.
- Problem of the Day - complete both problems by the end of the week. You select which days.
- R&R Worksheet - complete one worksheet each day.

When we return to school, turn in your Summer Math packet with your assignments completed to show your 2nd grade teacher what you know in math.

# Math Choice Board

★ Goal: Practice 10 -15 minutes each day ★

## [Iknowit.com](https://www.ck12.org/learn/math/basic-addition-subtraction/)

\*Scroll to the Basic addition and subtraction section and explore any of the activities.

\* The 2nd grade place value activities and skip counting would be helpful as well.

## Fast Fact War

Play with someone at home.  
See below for directions.



Key: Jack = 10 Queen = 11  
King = 12 Ace = 1

## [KhanAcademy.com](https://www.khanacademy.com/)

Go to KhanAcademy.com and complete the practice problems for place value.



## Jumping Jack Skip Counting

For example, skip count by 5's up to 60 (aloud) while you complete a jumping jack for each multiple.



## The Drill

See "Numbers of the Week" for directions.



## Yahtzee

Play a family game of Yahtzee.



Be sure to keep your own score!

## Addition or Subtraction Fast Fact War

1. Remove the Jacks, Kings and Queens from a regular deck of cards or just use the numbers and shuffle the deck.
2. Players place cards face down in a pile.
3. At the count of three, both players flip over their top 2 cards.
4. The person with the higher sum/difference receives the cards and puts them in a separate pile. You have to say the sum/difference correctly to win the cards!
5. If the sums/differences are the same, the cards are put in the middle of the table.
6. The next player to win the "flip" gets the cards in the middle of the table in addition to the cards just played.
7. The winner is the person with the most cards at the end of play

# Week 1 - Numbers of the Week

Monday

- Practice addition and subtraction facts with <https://home.xtramath.org/>
- Make flash cards for the ones you don't know.

Tuesday-Friday

- Review the flash cards you made on Monday. Add to the cards from the previous week.
- Complete 1 activity from the Math Choice Board each day.

## The Drill - Facts Up and Down

If possible, find a partner (or partners) to help you with this activity.

1. Person 1 starts by saying the sums for adding by 1.
2. Person 2 says the sums for adding by 2.
3. Person 3 says the sums for adding by 3.
4. Take turns until you get to sums for adding by all of the numbers until 20 then take turns working your way back to the differences for subtracting by 1.

For example, if you have 3 players:

<u>Player 1</u>	<u>Player 2</u>	<u>Player 3</u>
1+1 =2	1+2 = 3	1+3=4
1+4=5	1+5=6	1+6=7
1+7=8	1+9=10	1+10=11
1+11=12	1+12 =13	1+13=14
1+15=16	1+16=17	1+18=19
1+19=20	20-1 = 19	19-1=18 continue until you get back to 1-1=0

5. Time yourself. Record your time and see if you can improve it each day.

[illegible]

# Problem of the Day

## Summer Work Week 1

Adyn has 12 cookies. Henry has 4 less cookies than Adyn. How many cookies does Henry have?

### Mark

Mark the end of each sentence with a highlighter.

### Read

Read the first sentence.

### Pause

Pause to visualize the information in the sentence.

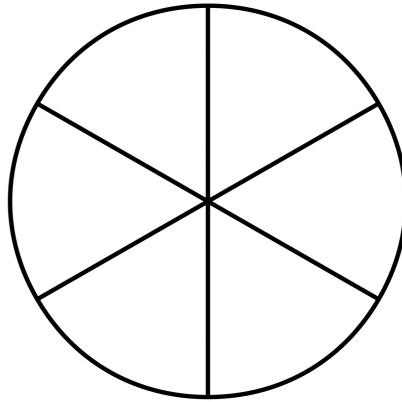
### Show

Show the important information from that sentence. Repeat for the remaining sentences.

# Problem of the Day

Summer Work Week 1

Mrs. Moussouri ordered pizza for the class. Ellie ate 3 slices of pizza. What fraction of the pizza did she eat? Color the picture to show your answer.



Mark

Read

Pause

Show

# Rising 2nd - Summer Work      Name: \_\_\_\_\_

Addition - Week 1      \_\_\_\_\_

**Find the sum.**

**1.**

	4
+	2

**2.**

	4
+	5

**3.**

	3
+	8

**4.**

	5
+	5

**5.**

	4
+	4

**6.**

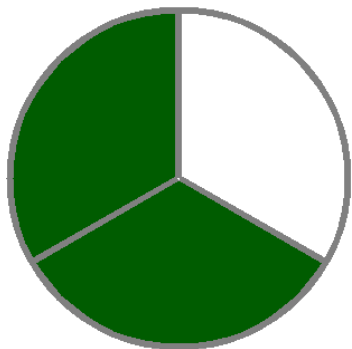
	2
+	6

**Rising 2nd - Summer Work** \_\_\_\_\_ **Name:** \_\_\_\_\_

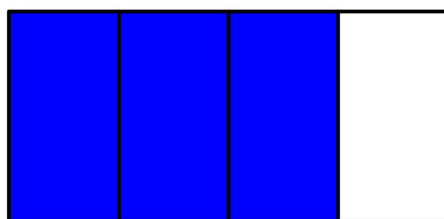
**Fractions - Week 1** \_\_\_\_\_

**Name the fraction.**

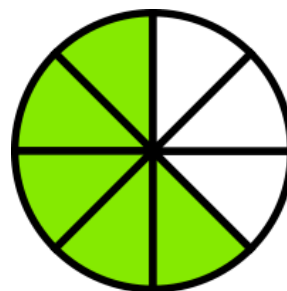
1.



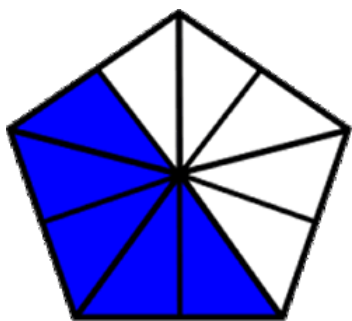
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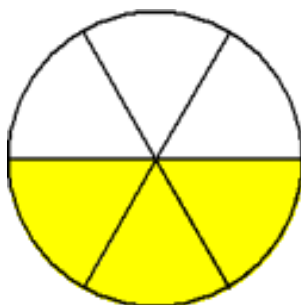
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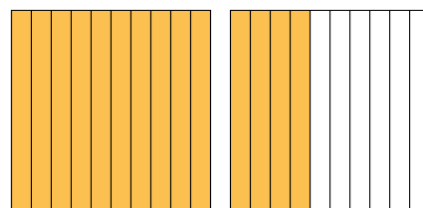
4.



5.



6.



# Rising 2nd - Summer Work \_\_\_\_\_ Name: \_\_\_\_\_

## Subtraction - Week 1

Find the difference.

1.

		3	5
	-		3

2.

		4	2
	-		1

3.

		4	8
	-		4

4.

		6	9
	-		2

5.

		8	7
	-		4

6.

		8	9
	-		7



**Rising 2nd - Summer Work** \_\_\_\_\_ **Name:** \_\_\_\_\_

**Place Value - Week 1** \_\_\_\_\_

**What is the value of the underlined digit?**

<p><b>1.</b></p> <p><u>5</u>6</p> <p>answer:</p> <p>50</p>	<p><b>2.</b></p> <p><u>3</u>2</p>	<p><b>3.</b></p> <p><u>7</u>9</p>
<p><b>4.</b></p> <p>1<u>7</u></p>	<p><b>5.</b></p> <p>9<u>9</u></p>	<p><b>6.</b></p> <p><u>2</u>4</p>

# Week 2 - Numbers of the Week

## Monday

- Practice addition and subtraction facts with <https://home.xtramath.org/>
- Make flash cards for the ones you don't know.

Tuesday-Friday

- Review the flash cards you made on Monday. Add to the cards from the previous week.
- Complete 1 activity from the Math Choice Board each day.

## The Drill - Facts Up and Down

If possible, find a partner (or partners) to help you with this activity.

6. Person 1 starts by saying the sums for adding by 2.
7. Person 2 says the sums for adding by 2 and the next number.
8. Person 3 says the sums for adding by 2 and the next number.
9. Take turns until you get to sums for adding by all of the numbers until 20 then take turns working your way back to the differences for subtracting by 1.

For example, if you have 3 players:

<u>Player 1</u>	<u>Player 2</u>	<u>Player 3</u>
2+1 =3	2+2 = 4	2+3=5
2+4=6	2+5=7	2+6=8
2+7=9	2+9=11	2+10=12
2+11=13	2+12 =14	2+13=15
2+15=17	2+16=18	2+18=20
2+19=21	20-2=18	18-2=16 continue until you get back to 2-2=0

10. Time yourself. Record your time and see if you can improve it each day.

[illegible]

# Problem of the Day

Summer Work Week 2

Fill in the table using the numbers below.

\*\*\*Some numbers may not be used

18

16

14

12

10

8

The sum of 5 and 9	Solve $16-8$	The sum of 12 and 6

Mark

Read

Pause

Show

# Problem of the Day

## Summer Work Week 2

A science class is measuring plant growth. Brian's plant grew 5 inches. Luke's plant grew 10 inches. Bo's plant grew 9 inches. Which plant grew the least? Which plant grew the most? Label your answer.

Mark

Read

Pause

Show

**Rising 2nd - Summer Work** \_\_\_\_\_ **Name:** \_\_\_\_\_

**Subtraction - Week 2** \_\_\_\_\_

**Find the difference.**

**1.**

	8
-	8

**2.**

	9
-	3

**3.**

	1	8
-	0	5

**4.**

	8
-	6

**5.**

	2	7
-		7

**6.**

	4	2
-	1	1

**Rising 5th - Summer Work** \_\_\_\_\_ **Name:** \_\_\_\_\_

**Expanded Form - Week 2** \_\_\_\_\_

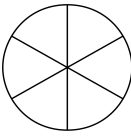

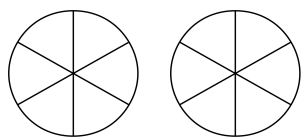
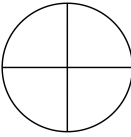
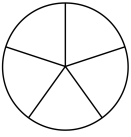
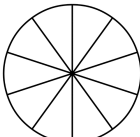
**Write the number in expanded form.**

<p><b>1.</b></p> <p>261</p> <p>answer:</p> <p>200 two hundreds + 60 six tens + <u>2</u> two ones 262</p>	<p><b>2.</b></p> <p>569</p>	<p><b>3.</b></p> <p>99</p>
<p><b>4.</b></p> <p>58</p>	<p><b>5.</b></p> <p>159</p>	<p><b>6.</b></p> <p>36</p>

**Rising 2nd - Summer Work** \_\_\_\_\_ **Name:** \_\_\_\_\_

**Fractions/Decimals - Week 2** \_\_\_\_\_

**Color the numerator in the fractions to show the fraction.**

<p><b>1.</b></p> $\frac{5}{6}$ 	<p><b>2.</b></p> $\frac{2}{3}$ 	<p><b>3.</b></p> $\frac{3}{6}$ 
<p><b>4.</b></p> $\frac{2}{4}$ 	<p><b>5.</b></p> $\frac{4}{5}$ 	<p><b>6.</b></p> $\frac{9}{10}$ 

**Week 3 - Numbers of the Week**

## Monday

- Practice addition and subtraction facts with <https://home.xtramath.org/>
- Make flash cards for the ones you don't know.

## Tuesday-Friday

- Review the flash cards you made on Monday. Add to the cards from the previous week.
- Complete 1 activity from the Math Choice Board each day.

## The Drill - Facts Up and Down

If possible, find a partner (or partners) to help you with this activity.

11. Person 1 starts by saying the sums for adding by 3.
12. Person 2 says the sums for adding by 3 and the next number.
13. Person 3 says the sums for adding by 3 and the next number.
14. Take turns until you get to sums for adding by all of the numbers until 20 then take turns working your way back to the differences for subtracting by 1.

For example, if you have 3 players:

<u>Player 1</u>	<u>Player 2</u>	<u>Player 3</u>
3+1 =4	3+2 = 4	3+3=5
3+4=7	3+5=7	3+6=8
3+7=10	3+9=11	3+10=12
3+11=14	3+12 =14	3+13=15
3+15=15	3+16=18	3+17=20
20-3 = 17	17-3=14	14-3=11 continue until you get back to 3-3=0

15. Time yourself. Record your time and see if you can improve it each day.

[illegible]



# Problem of the Day

Summer Work Week 3

The school record for goals made at a soccer match was 12. Maddy score a new school record when she made 3 more goals than the record. What is Maddy's new record?

# Problem of the Day

Summer Work Week 3

I am a number between 10 and 20. My ones digit is 1 less than my tens digit. What is a possible number that I may have?

Mark

Read

Pause

Show

**Rising 2nd - Summer Work** \_\_\_\_\_ **Name:** \_\_\_\_\_

**Compare & Order Numbers - Week 3** \_\_\_\_\_

**Compare. Write  $>$ ,  $<$  or  $=$**

**1.**

$$\textcircled{12} \quad 62$$

**2.**

$$59 \quad \bigcirc \quad 22$$

**3.**

$$92 \quad \bigcirc \quad 91$$

**4.**

$$23 \quad \bigcirc \quad 78$$

**5.**

$$39 \quad \bigcirc \quad 31$$

**6.**

$$50 \quad \bigcirc \quad 50$$

**Rising 2nd - Summer Work** \_\_\_\_\_ **Name:** \_\_\_\_\_

**Addition - Week 3** \_\_\_\_\_

**Find the sum.**

**1.**

	1	1
+	2	8

**2.**

	2	3
+	1	6

**3.**

	1	7
+	5	2

**4.**

	4	9
+	3	0

**5.**

	2	2
+	2	5

**6.**

	9	3
+		5

# Week 4 - Numbers of the Week

Monday

- Practice addition and subtraction facts with <https://home.xtramath.org/>
- Make flash cards for the ones you don't know.

## Tuesday-Friday

- Review the flash cards you made on Monday. Add to the cards from the previous week.
- Complete 1 activity from the Math Choice Board each day.

## The Drill - Facts Up and Down

If possible, find a partner (or partners) to help you with this activity.

16. Person 1 starts by saying the sums for adding by 4.
17. Person 2 says the sums for adding by 4 and the next number.
18. Person 3 says the sums for adding by 4 and the next number.
19. Take turns until you get to sums for adding by all of the numbers until 20 then take turns working your way back to the differences for subtracting by 1.

For example, if you have 3 players:

<u>Player 1</u>	<u>Player 2</u>	<u>Player 3</u>
4+1 =5	4+2 = 6	4+3=7
4+4=8	4+5= 9	4+6=10
4+7=11	4+9=13	4+10=14
4+11=15	4+12 =16	4+13=17
4+14=18	4+15=19	4+16=20

20-4=16 then continue until you get back to 4-4=0

20. Time yourself. Record your time and see if you can improve it each day.

[illegible]

# Problem of the Day

Summer Work Week 4

Erin is the cashier at the school store. If Ellis buys 1 sticker for 1 quarter and 1 pencil for a nickel how much will it cost? Draw a picture of the coins and their values.

Mark

Read

Pause

Show

# Problem of the Day

Summer Work Week 4

Mrs. Bradshaw and Mrs. Frechette were having a party. They rented 22 chairs for two days in July.

How many chairs did they rent? \_\_\_\_\_

Mark

Read

Pause

Show

**Rising 2nd - Summer Work** \_\_\_\_\_ **Name:** \_\_\_\_\_

Subtraction - Week 4 \_\_\_\_\_

**Find the difference.**

1.

	8
-	6

2.

	2	9
-	1	8

3.

	1	3
-	1	0

4.

	1	8
-	1	5

5.

	9
-	5

6.

	2	9
-	2	3