

2017 Summer Math Packet

Dear parents as we continue to grow and strengthen our school's math program, we have decided that we will begin to provide our students with a tool to review and prepare for the following math grade level expectations. As you know summer readings have been in placed for a while. This year we are extending the summer experience to include math skills. We encourage you to continue to foster a belief in the importance and enjoyment of mathematics at home. Being actively involved in mathematical activities enhances learning. In preparation for the 2017-2018 school year, each student from Kindergarten to 8th grade is required to complete a summer math review packet. Each packet correlates to the standards of learning as identified and approved by the Diocese of Paterson and the Department of Education. As the packets are aligned to the Terranova Standardized testing, they focus on the prerequisite concepts and skills necessary for student success in each math class. During the first week of school, students will be required to turn in their packets for a grade. Review Skill worksheets will receive an assessment grade and Choice Board Activities will receive a project grade.

- ❖ Skills worksheets: Complete the packet, show work when necessary.
- ❖ Choice Boards:
 - Choose 1 project from the "Board"- Grades 1 to 4
 - 2 - 3 project "Boards" will be assigned - Grades 5 to 8
 - All packets will be available for download at the Holy Spirit website.

The work was designed to support instruction in the new curriculum in both its content and presentation. Activities may be done independently or with a parent, guardian or older brother or sister. Talking about the problem can be an important part of completing some activitie

How Holy Spirit's Summer Math Program Works:

- Students set their own goals for completing math activities.
- Students use the math packet to complete and record responses for the activities.
- Summer Math Packet is returned to school during the week of September 11th-15th.
- Students completing the Summer Math Packet will:
 - Receive a summer math certificate.

Summer Packet may have all or some to the following major content areas:

Standard 1: Operations and Algebraic Thinking Activity

Standard 2: Number and Operations

Standard 3: Measurement and Data

Standard 4: Geometry

The purpose of the summer math packet is to make sure students are prepared to start the year by understanding the prerequisite skills. We understand that summer is a busy time for families. If possible, the math department recommends that the packet is completed towards the end of the summer to ensure the skills are secured for the start of the year. The administration and the Math teachers wish you and your family a safe, happy, healthy and mathematically thrilling summer!

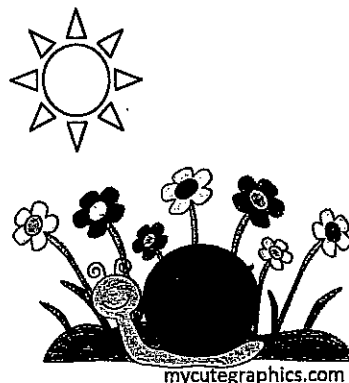
Thank you for your continued support,

Po. Marie Antonelli M.F.P.
Principal

Faculty of Holy Spirit School

Are you
ready for
2nd Grade?

Summer Math Packet



mycutegraphics.com

This packet belongs to _____

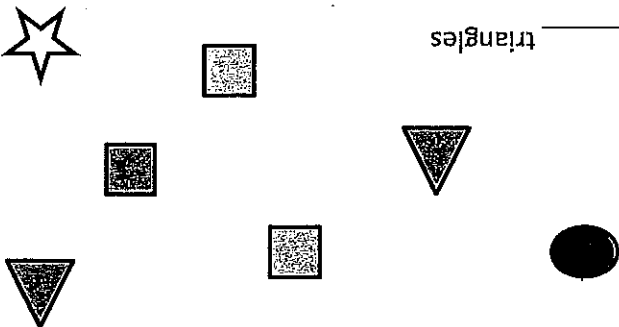
Summer Packet

Name _____ Date _____

1. Which number comes next?

- 65 _____ 77
- 12 _____ 59
- 17 _____ 44

2. How many triangles are shown below?



3. Solve each problem.

$$18 + 2 = \underline{\hspace{2cm}}$$

$$19 + 9 = \underline{\hspace{2cm}}$$

$$20 + 5 = \underline{\hspace{2cm}}$$

$$14 + 4 = \underline{\hspace{2cm}}$$

4. Miguel has 4 yellow shirts, two green shirts, and 2 black shirts. How many shirts does he have?



Miguel has _____ shirts.

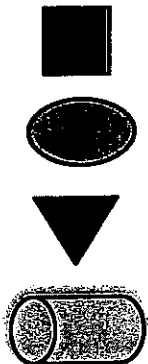
5. Which number is greater than 16? Circle it.

- 7
- 12
- 11
- 15
- 19

6. Fill in the missing numbers.

- 1, 2, 3, _____, 5, 6, _____, 8.
- 15, 16, 17, _____, 19, 20, _____, 22.

7. Match each shape



76 _____ 34

55 _____ 76



Mark with a check mark.

I showed all my work.

I completed each problem.

I tried my best on all problems.

Parent's signature: _____



Summer Packet




1. Which number comes next?

34 _____ 87 _____

76 _____ 98 _____

45 _____ 89 _____

2. How many hearts does Julie have? _____ hearts

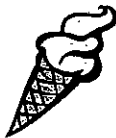
Ronnie	
Julie	
John	

3. Solve each problem.

$7 + 7 =$ _____ $10 + 10 =$ _____

$15 + 5 =$ _____ $5 + 5 =$ _____

4. Sarah wants to buy two ice-cream cones. Each cone is \$2. How much money does Sarah need?



Sarah needs _____ dollars.

5. Which number is less than 16? Circle it.


17 12 18 16 20

6. Fill in the missing numbers.


11, 12, 13, _____, 15, 16, _____, 18.

25, 26, 27, _____, 29, 30, _____, 32.

7. How many sides does each figure have?

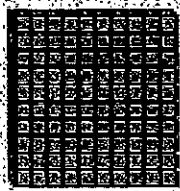



_____ sides




_____ sides

8. Which number is shown below?








Mark with a check mark.

I showed all my work.

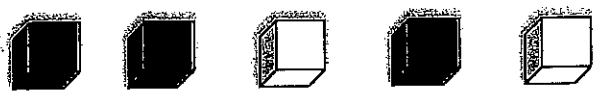
I completed each problem.

I tried my best on all problems.



Parent's signature.

Summer Packet



1. How many cubes are shaded in.

_____ cubes

3. Solve each problem.

$20 + 10 = \underline{\hspace{2cm}}$

$22 + 4 = \underline{\hspace{2cm}}$

$30 + 5 = \underline{\hspace{2cm}}$

$50 + 5 = \underline{\hspace{2cm}}$

Bob	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Bonnie	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Becky	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

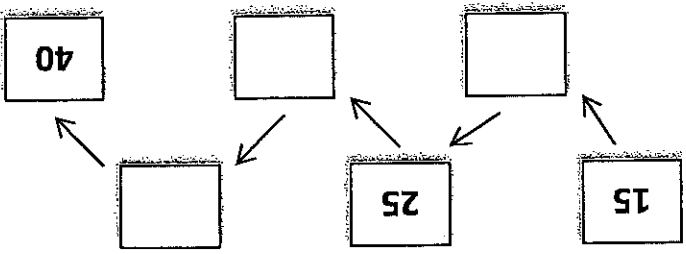
5. How many check marks did Bob get? _____

6. Name each figure.



7. How many cylinders are shaded in? _____ cylinders

8. Skip count by 5



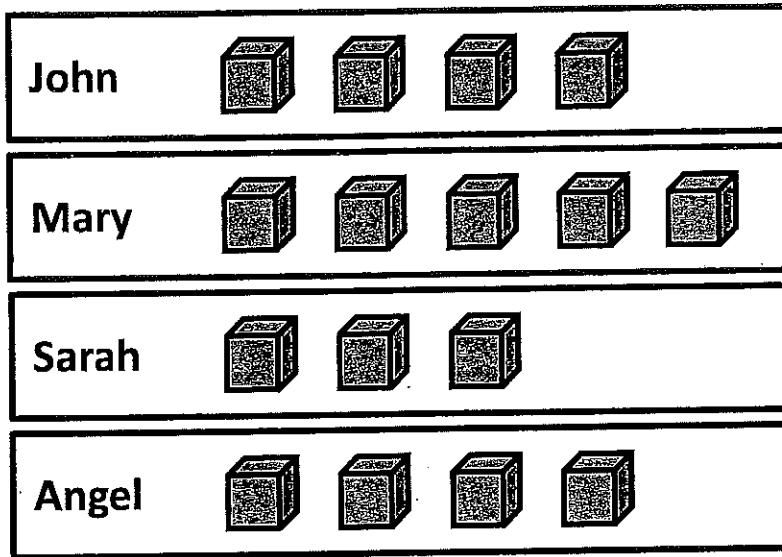
- I showed all my work.
- I completed each problem.
- I tried my best on all problems.



Parent's signature _____

Summer Packet

Look at the pictograph below. Label it.

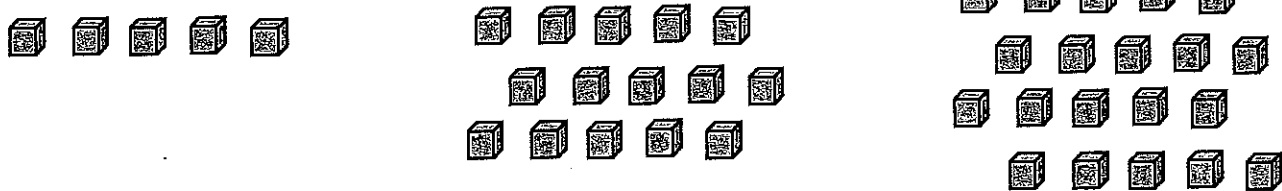


= 5

The pictographs shows the amount of cubes each student has. Answer the questions below.

1. How many cubes does Mary have? _____ cubes because each equals _____ cubes.

2. Circle the amount of cubes Angel has.



3. Who has the most cubes? _____ has the most cubes.

4. How many more cubes does John have than Sarah?

- a. John has 3 more cubes
- b. John has 1 more cube
- c. John has 5 more cubes
- d. They have the same amount

5. If = 20 cubes, how many cubes would John have?

- a. He would have 20 cubes.
- b. He would have 60 cubes.
- c. He would have 80 cubes.
- d. He would have 4 cubes.

Mark with a check mark:

- I showed all my work.
- I wrote down my answers.
- I tried my best.

Summer Packet

Date _____

Name _____

1. Which number comes next?

19 _____ 65 _____

23 _____ 43 _____

12 _____ 22 _____

3. Solve each problem.

$13 + 2 = \underline{\hspace{2cm}}$

$19 + 5 = \underline{\hspace{2cm}}$

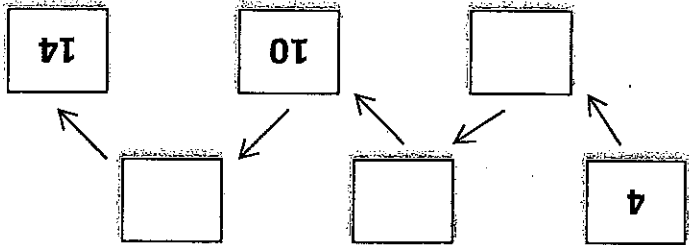
$19 + 4 = \underline{\hspace{2cm}}$

$14 + 2 = \underline{\hspace{2cm}}$

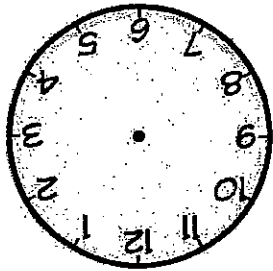
5. Which number is greater than 12? Circle it.

8 12 11 15 5

7. Skip count by 2.



8. Mark the clock to show 3:40



Mark with a check mark.

I showed all my work.

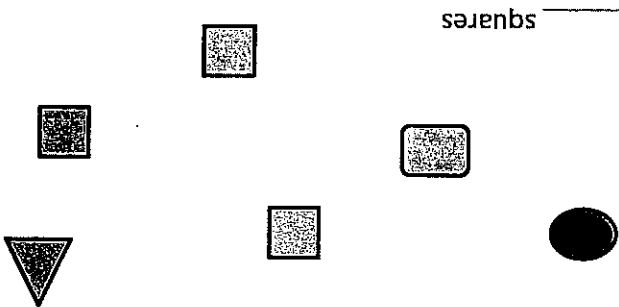
I completed each problem.

I tried my best on all problems.



Parent's signature _____

2. How many squares are shown below?



_____ squares

4. Sammy had 10 ribbons. He gave 3 to his sister. How many ribbons does he have left?



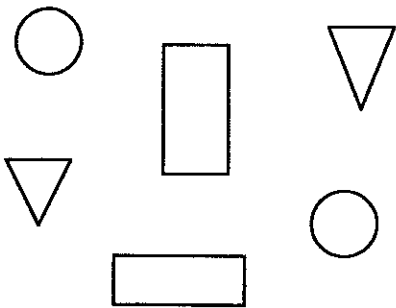
Sammy has _____ ribbons left.

6. Color in each one.

Triangles-red

Squares-blue

Circles - yellow



Name _____ Date _____

Summer Review # 8
1st going to 2nd

Summer Packet

1. Which number comes next?

11 _____ 23 _____

54 _____ 44 _____

87 _____ 88 _____

2. Find the numbers that are greater than 15.

4 12 14 23

19 25 20 11

3. Solve each problem.

$6 + 6 =$ _____ $11 + 11 =$ _____

$11 + 5 =$ _____ $15 + 5 =$ _____

4. Monica has 3 stamps. Her mother gave her 2 more stamps and her father gave her 5 more stamps. How many does she have now?

Monica has _____ stamps.

5. Which number is less than 10? Circle it.

9 10 99 8 15

6. Fill in the missing numbers.

51, 52, 53, _____, 55, 56, _____, 58.

35, 36, 37, _____, 39, 40, _____, 42.

7. How many sides does each figure have?



_____ sides



_____ sides

8. Use $<$, $>$, or $=$

57 _____ 55

32 _____ 35

Mark with a check mark.

I showed all my work.

I completed each problem.

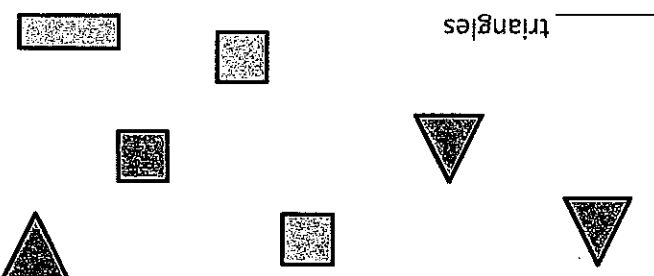
I tried my best on all problems.



Parent's signature.

Summer Packet

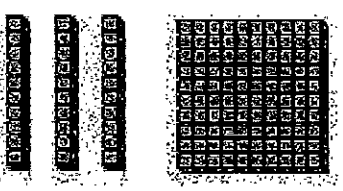
1. Which number comes next?
 75 _____ 37
 87 _____ 79
 11 _____ 44

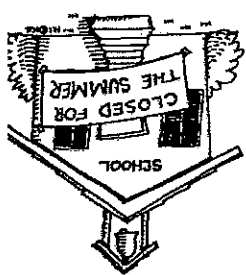
2. How many triangles are shown below?

 _____ triangles

3. Solve each problem.
 $8 + 12 = \underline{\hspace{2cm}}$
 $44 + 6 = \underline{\hspace{2cm}}$
 $34 + 6 = \underline{\hspace{2cm}}$
 $47 + 3 = \underline{\hspace{2cm}}$

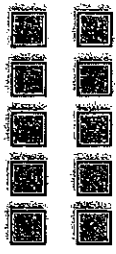
4. Jasmine has 2 pencils for school. Her teacher asked her to buy 3 more pencils. How many pencils will Jasmine have?
 Jasmine will have _____ pencils.

5. Which number is greater than 87? Circle it.
 74 76 85 90 87

6. Why number is shown below?


7. Subtract

 _____ = _____


8. Use <, >, or =
 76 _____ 78
 133 _____ 144
 92 _____ 88
 177 _____ 177

7. Subtract

 _____ = _____

8. Use <, >, or =
 76 _____ 78
 133 _____ 144
 92 _____ 88
 177 _____ 177

Mark with a check mark.
 I showed all my work.
 I completed each problem.
 I tried my best on all problems.

Parent's signature: _____



Name _____ Date _____

Summer Review # 10
1st going to 2nd

Summer Packet

1. Which number comes next?

23, _____, 25, 26, 27, _____.

88, 89, _____, 91, 92, 93, 94, _____.



2. Find the numbers that are LESS than 66.

67 90 55 49

60 77 34 49

3. Solve each problem.

$20 + 10 = \underline{\quad}$ $25 + 5 = \underline{\quad}$

$55 + 5 = \underline{\quad}$ $40 + 10 = \underline{\quad}$

4. Pinky has 10 stickers. She gave 2 stickers to her sister and 2 stickers to her best friend. How many stickers does she have left?

Pinky has _____ stickers left.

5. Look at the table.

Jose	★ ★ ★ ★ ★ ★
David	★ ★ ★ ★ ★ ★ ★ ★
Mickey	★ ★ ★ ★ ★

a. Who has the most stars? _____

b. How many stars does Mickey have? _____

a. How many stars does David have? _____



7. Use <, >, or =.

45 _____ 46

45 _____ 55

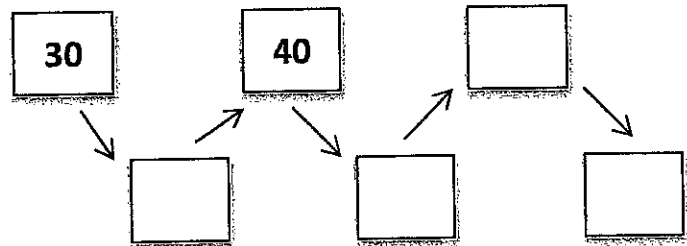
99 _____ 88

43 _____ 43

75 _____ 65

23 _____ 23

8. Skip count by 5



Mark with a check mark.


- I showed all my work.
- I completed each problem.
- I tried my best on all problems.



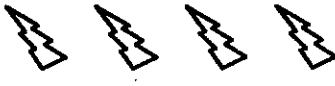



Parent's signature.

Summer Packet

Look at the pictograph below. Label it.

KEY:  = 2 days

January	
February	
March	
April	

The pictographs shows the number of rainy days in each month.

1. How many rainy days did April have? _____

Explain your answer: _____

2. How many rainy days did March have? Circle the answer.



3. How many more rainy days did April have than March?

- a. 10
- b. 3
- c. 9
- d. 6

4. Which statement is true based on this pictograph?

- a. March had the most rainy days.
- b. January is a fun month.
- c. February had 7 rainy days.
- d. March had 8 rainy days.

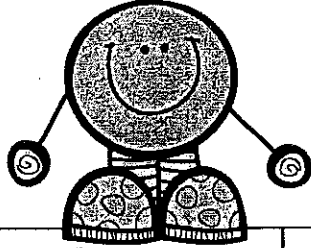
5. Which month had 10 rainy days?

Mark with a check mark.

I showed all my work.

I wrote down my answers.

I tried my best.



Subtraction Choice Board

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Poster

Create a poster for a younger student teaching them how to subtract multi-digit numbers. List all the steps and include an example. Be sure to include zeros in your problems.

Menu Problems

Using a restaurant menu, create 4 subtraction problems and solve each problem using your problem solving strategies. Can you add in extra information?

Anchor Chart

Create an anchor chart poster teaching what subtraction means. Include pictures and an example. Be sure to explain what subtraction is in your own language.

Acrostic Poem

Create an acrostic poem on subtraction. Use words and phrases to explain what subtraction means and when we might use it.

Video Project

Design a video showing and explaining what subtraction means. You may use props, posters, etc. to help you in your video. It must be at least 5 minutes long.

Song

Using a popular song (like Twinkle Twinkle or Row, Row, Row Your Boat), change the lyrics to create a song on subtraction. Be sure to explain what subtraction means and when we might use it.

Game

Design and create a game on subtraction. Include the game rules, question cards, and an answer key. Be creative!

Quiz

Create a 10-question quiz on subtraction. You may choose to do skills practice or word problems or even a mixture of both. Include an answer key.

Computer Project

Design a computer project showing what you know about subtraction. Be creative. You can create example problems, show how to solve it step-by-step, show real world connections, etc.

