



ST. NICHOLAS of TOLENTINE

80-22 PARSONS BOULEVARD
JAMAICA, NEW YORK 11432

June 2024

Dear Seventh Grade Student,

Welcome to Junior High! Below you will find your summer reading and math review assignments. Please take time to complete the assignments neatly in a way that demonstrates effort and pride in your work.

Remember, this work is meant to help you start off on the right foot for your last year here at Saint Nicholas of Tolentine. If you rush to complete the work right before it is due, you will not benefit from the assignments at all. Instead, try to do a little bit of work each week. Doing so will help you stay in the learning mode for your return to school in September for your biggest year yet!

Here are the assignment details...

~ Math

- See packet. If you do not recall how to do a problem, DO NOT GIVE UP! Google the topic and you'll find lots of videos and tutorials online. This is review, so you should be able to do these problems or at least be able to refresh your memory after looking it up online. During the first week of school the completion of this packet will be checked. You will then get a pop quiz on 20 of the problems from the packet. This will be your first grade of 8th grade math! Do your best!

~ Reading Journal - For any books you read this summer, you must include *The Secret Garden*, print a Google Doc with your full heading, the title of the book, the author's name, the amount of pages, the date you started reading the book, the day you completed the book, and a two paragraph summary of the story.

~ Reading list - You are encouraged to read as many books as you can during the summer months. You MUST read *The Secret Garden* by Francis Hodgson Burnett. You will be tested on this book when you return to school in September. In addition, for every book that you read during the course of the summer, you must fill out a Reading Journal.

We hope you and your family enjoy your summer vacation. Have some fun and get some rest. Your seventh grade year is going to be as great as you make it!

Sincerely,
The Junior High Teachers



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Dear Parents,

Welcome to the Junior High! Below, please find a list of the supplies that your child must have for next year. Please use this as a checklist so that your child can begin the year well-prepared.

More detailed information will be given at our Back to School Night meeting in September. At this meeting, you will also get to meet your child's teachers. Each teacher will also explain his/her curriculum and requirements for each class.

Have a happy and healthy summer! We look forward to seeing you in September!

Sincerely,
The Junior High Teachers

CLASS	SUPPLIES NEEDED
English	2 composition notebooks (150 pages each), spelling workbook (provided), textbook (provided), folder (provided), red pen or pencil, Post-It notes
Math	2 composition notebooks (150 pages each), 1 large packet of graph paper, pencils, 12 inch scientific calculator (Texas Instrument TI36X preferred - must have pi key)
Science	2 composition notebooks (150 pages each), textbook (provided), *lab fee of \$20.00 to cover lab and consumable materials (This fee will be collected mid-September.)
Social Studies	2 composition notebooks (150 pages each), textbook (provided)
Reading	1 composition notebook (150 pages), novels used for silent reading (may be obtained from our school library), *individual book fee to cover class novels that will be read (\$35.00 cash or check due the first week of school)
Religion	1 composition notebook (150 pages), textbook (provided)
Art/Music	Crayons, markers, colored pencils, 2 glue sticks, tape, scissors, 3 packs of copy paper
ALL CLASSES	1 homework assignment notebook, 1 three ring binder, 1 folder per class, loose leaf, black or blue ball point pens, textbook covers (It is a state requirement that textbooks remain covered throughout the year.) *REMINDER: NO SPIRAL NOTEBOOKS ARE ALLOWED
HOMEROOM	2 rolls of paper towels, 4 large boxes of tissues

Name: _____ Period: _____

6th Grade Summer Math Packet

Ratios 6RP

Find the prime factorization of each number.

1) 27 _____

2) 114 _____

Find the GCF of each set of numbers.

3) 12 and 42 _____

4) 16 and 25 _____

Find the LCM of each set of numbers.

5) 5 and 10 _____

6) 8 and 36 _____

Circle whether it is even or odd. Then, tell whether each number is divisible by 2, 3, 4, 5, 6, 9, or 10.

7) 78

Circle one: Even or Odd

Write yes or no in each space:

2 _____ 3 _____ 4 _____ 5 _____

6 _____ 9 _____ 10 _____

8) 8,505

Circle one: Even or Odd

Write yes or no in each space:

2 _____ 3 _____ 4 _____ 5 _____

6 _____ 9 _____ 10 _____

Write each ratio/rate in simplest form. Don't forget to LABEL!!

9) A class has 5 boys and 15 girls. What is the ratio of boys to girls? _____

10) An animal shelter has 36 kittens and 12 puppies available for adoption. What is the ratio of kittens to puppies? _____

Write each rate as a UNIT RATE in simplest form. Don't forget to LABEL!!

11) David printed 24 photos in 8 minutes. How many photos did he print per minute? _____

12) Vinny decorated 72 cookies in 36 minutes. How many cookies did he decorate per minute? _____

13) Amy is training for a half marathon. In practice, she runs 2 miles in 15 minutes. If she continues at the same rate, how many miles will she run in an hour?

Miles	2		
Minutes	15		60

Number System 6NS

Add or Subtract. Show ALL work!!

14) $112.45 + 6.3$

15) $10 - 3.2$

Multiply. Show ALL Work!!

16) 63.4×9

17) 3.7×2.1

Divide. Round to the nearest TENTH if necessary!! Show ALL work!!

18) $44.64 \div 2$

19) $2.102 \div 0.4$

Order the following from least to greatest:

20) 0.4, $\frac{5}{8}$, 38%, 0.5

Find the percent of each number.

21) 6% of 95

22) 15% of 115

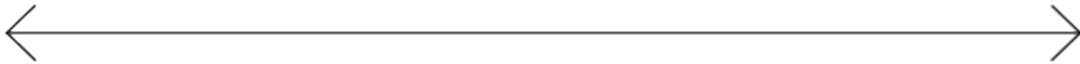
Solve the following percent problems with a proportion:

23) 140 is 70% of what number?

24) 240 is 60% of what number?

Use a double bar line to solve (Show work!)

25) 10 is 25% of what number?



Graph the integers on a number line.

26) { -5, -2, 3, 0 }



Find the opposite of each integer.

27) -2

28) -5

Find the absolute value of each integer.

29) 9

30) -3

Compare using $>$, $<$, or $=$.

31) -2 _____ 5

32) -28 _____ -23

Order the integers from greatest to least.

33) {5, -3, -11, 13}

34) {-8, 25, 32, -16}

Equations 6EE

Directions: Show all your work and your check!

35) $x + 7.2 = 10.8$

✓

36) $y - 12 = 24$

✓

37) $8c = 32$

✓

Statistics 6SP

38) Tina babysat eight times. She earned \$15, \$20, \$10, \$12, \$20, \$16, \$80, and \$18. What is the average amount of money she made?

39) Tommy recorded her test scores in the table.
Find the median and the mode.

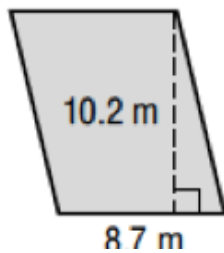
med- _____
mode- _____

Test scores
93
89
88
94
68

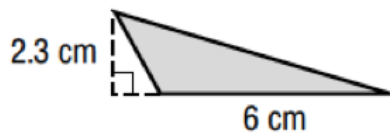
Geometry 6G

Please find the area of each figure. Be sure to show ALL work and label!

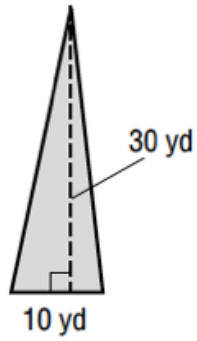
40)



41)

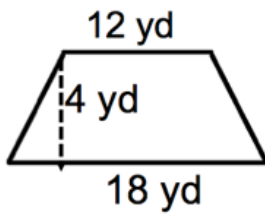


42)

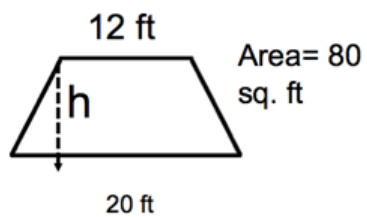


43) The base of the triangular garden is 3 meters and the height is 5 meters. What is the area of the garden?

44)

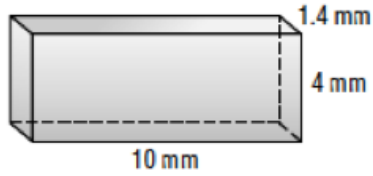


45) Find the height.

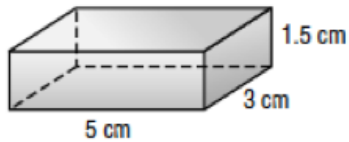


Name each 3-D figure. Find the volume of each figure.

46)



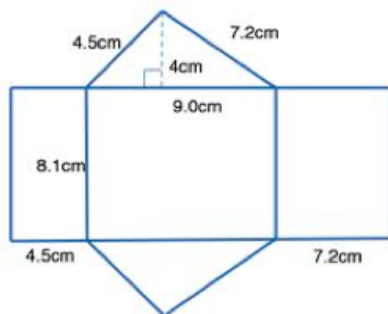
47)



48) Find the height of the rectangular prism if the length is 5cm, the width is 3cm, and the volume is 37.5cm^3

Name each 3-D Figure. Find the surface area of each figure.

49)



Have a great summer!!!!