



# ST. NICHOLAS of TOLENTINE

80-22 PARSONS BOULEVARD  
JAMAICA, NEW YORK 11432

June 2024

Dear Soon to Be Eighth Grade Student,

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 list - You are encouraged to read as many books as you can during the summer months. You MUST finish *Pay It Forward* by Catherine Ryan Hyde. 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 (including *Pay It Forward*) you must fill out a Reading Profile.

There is a copy on my website <http://jobuck.weebly.com> that can be used.

High School Information ~ There will be a mandatory meeting in October regarding the public and Catholic High School admissions processes. You will receive instructions in September on how to apply for the TACHS.

We hope you and your family enjoy your summer vacation. Have some fun and get some rest. Your eighth 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 \$15.00 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), workbooks (provided)
Art/Music	Crayons, markers, colored pencils, glue, 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



# ST. NICHOLAS of TOLENTINE

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Student's Name \_\_\_\_\_

Title: \_\_\_\_\_

Author: \_\_\_\_\_

Genre: \_\_\_\_\_ Pages: \_\_\_\_\_

Date Started: \_\_\_\_\_ Date Completed: \_\_\_\_\_

Book Entry # \_\_\_\_\_

Summary (6-9 sentences):

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Comments (3-4 sentences):

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Mrs. Buck's Comments:

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Name: \_\_\_\_\_

C2

## Seventh Grade Summer Packet

For Students Entering 8<sup>th</sup> Grade or 7<sup>th</sup> Grade Advanced Math

Write each number in scientific notation.

1.) 45,000,000 \_\_\_\_\_ 2.) 0.000014 \_\_\_\_\_

Write each number in standard form.

3.)  $2.9 \cdot 10^6$  \_\_\_\_\_

4.)  $7.86 \cdot 10^{-2}$  \_\_\_\_\_

Simplify each expression. (NO CALCULATOR!)

5.)  $-2 + (-13) =$  \_\_\_\_\_

6.)  $12 + (-45) =$  \_\_\_\_\_

7.)  $17 - (-14) =$  \_\_\_\_\_

8.)  $-14 - 17 =$  \_\_\_\_\_

9.)  $-14 + 14 =$  \_\_\_\_\_

10.)  $16(-4) =$  \_\_\_\_\_

11.)  $-15(-9) =$  \_\_\_\_\_

12.)  $75 \div (-3) =$  \_\_\_\_\_

13.)  $-256 / -16 =$  \_\_\_\_\_

14.)  $14 \div (-2) + 6 =$  \_\_\_\_\_

15.)  $-25 \div (-5) \cdot 2 =$  \_\_\_\_\_

16.)  $28 \div 7(5) =$  \_\_\_\_\_

17.)  $35 \div 5 + 56 \div 7 =$  \_\_\_\_\_

18.)  $10 - (3 + 5) =$  \_\_\_\_\_

19.)  $3 \cdot 4(5 - 3.8) + 2.7 =$  \_\_\_\_\_

**Solve & Check each equation. Box your answer. SHOW ALL OF YOUR WORK!  
(NO CALCULATOR!)**

20.)  $-7y + 3 = -25$

21.)  $4 = 4 + 7y$

Check:

Check:

22.)  $6r + 1 = -17$

23.)  $\frac{n}{-4} + 5 = -1$

Check:

Check:

**Translate into an equation and solve. (NO CALCULATOR!)**

24.) Three more than the product of a number and 4 is 15. Find the number.

**Equation:** \_\_\_\_\_ **Solution:** \_\_\_\_\_

**Show work here:**

25.) Emily has saved \$74 toward a new sound system that costs \$149. She plans on saving an additional \$15 each week. How many weeks will it take Emily to save enough money to buy the sound system? Write an equation and then solve it.

Equation: \_\_\_\_\_ Solution: \_\_\_\_\_

Show work here:

Write each ratio as a fraction in simplest form. (NO CALCULATOR!)

26.) 12 feet: 10 yards

27.) 75 seconds: 2 minutes

\_\_\_\_\_

\_\_\_\_\_

Find the unit rate. Round to the nearest hundredth if necessary. Include labels with your answers. Show all of your work. (CALCULATOR ALLOWED)

28.) 18 people in 3 vans

29.) 2500 Calories in 24 hours

\_\_\_\_\_

\_\_\_\_\_

Choose the best unit price. Show all of your work! (CALCULATOR ALLOWED)

30.) \$12.95 for 3 pounds of candy or \$21.45 for 5 pounds of candy

ANSWER: \_\_\_\_\_

Find the actual distance between each pair of cities. Round to the nearest tenth if necessary. Show all work. (CALCULATOR ALLOWED)

Problem #	Cities	Map Distance	Scale	Actual Distance
31.)	Kokomo, IN and Chicago, IL	8 cm	1 cm = 25 km	

Work Space for #31:

32.) The scale is 2 inches: 4 feet, find the scale factor.

Complete the table. (CALCULATOR ALLOWED)

Problem #	Fraction in simplest form	Decimal	Percent
33.)			12.5%
34.)			$8\frac{1}{4}\%$
35.)		0.55	
36.)	$\frac{5}{8}$		

Find each number. Round to the nearest tenth if necessary.  
(CALCULATOR ALLOWED)

37.) 45 is 150% of what number?

38.) What percent of 60 is 15?

\_\_\_\_\_

\_\_\_\_\_

39.) What is the total cost of a sweatshirt if the regular price is \$42 and the sales tax is  $5\frac{1}{2}\%$ ?

ANSWER: \_\_\_\_\_

40.) Aubrey wants to buy a new coat that has a regular price of \$185. This weekend, the coat is on sale at a 33% discount. What is the sale price of the coat?

ANSWER: \_\_\_\_\_

41.) A sports watch with an original price of \$86 is on sale for \$60.20. What is the percent of discount?

ANSWER: \_\_\_\_\_



42.) Suppose your restaurant bill comes to \$28.35. Find your total cost if the tax is 6.25% and you leave a 20% tip on the amount before tax.

**ANSWER:** \_\_\_\_\_

**Find the percent of change. Round to the nearest whole percent and state whether the percent of change is an *increase* or *decrease*. (CALCULATOR ALLOWED)**

43.) original: 4  
new: 6

\_\_\_\_\_

**Find the simple interest for each principal, rate, and time. Round to the hundredths place. (CALCULATOR ALLOWED)**

44.) \$500 invested at  $6\frac{1}{4}\%$  for 5 years

45.) \$769 borrowed at 5% for 13 months

\_\_\_\_\_

\_\_\_\_\_

46.) Joey opened a saving account that pays 6.5% simple interest. How much money will be in Joey's account after 3 years if he deposited \$250 at the beginning and never made any deposits or withdraws?

ANSWER: \_\_\_\_\_

47.) Joe has \$1,800 from his summer job to invest. If Joe wants to have \$2,340 altogether and invests the money at 5% simple interest, in how many years will he have \$2,340?

ANSWER: \_\_\_\_\_

Solve the following proportions. SHOW ALL OF YOUR WORK!  
(CALCULATOR ALLOWED)

$$48.) \frac{3}{d} = \frac{12}{20}$$

$$49.) \frac{7}{8} = \frac{m}{48}$$

\_\_\_\_\_

\_\_\_\_\_

50.) A train travels 146 miles in 2 hours, at this rate how many miles will it travel in 3.5 hours?

ANSWER: \_\_\_\_\_