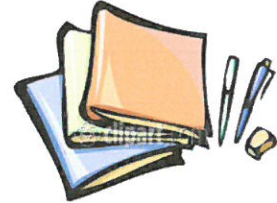


**Trenton Catholic Preparatory Academy  
Grades 7 & 8 Supply List  
2023-2024**

**All students in the Middle School are required to purchase the following supplies for the 2023-2024 school year.**

- pens (dark blue or black ink only) no pink, orange, green, etc.
- 24 pencils—writing instruments are needed everyday
- (1) package of loose leaf paper
- (2) Hi-Liters
- (1) ruler
- (8)- folders: Religion, Spanish, social studies, art, technology, music, science, and language arts
- (2) single subject notebooks
- (5) book covers (paper or appropriate sized Book Socks L or XL)
- **book bags must be able to fit into a locker**
- (2) three ring biners with dividers (math and language arts)
- ear buds for computer class
- (1) package of index cards
- (1) assignment notepad
- (1) Four Function Calculator (basic, not scientific) Please label with name
- 1 box of tissues
- 1 roll of paper towels
- 1 container of Lysol/Clorox Wipes



**Art Supplies**

- art box (medium size)- must fit in locker
- watercolor pencils
- sketch pad
- mechanical pencils
- (1) large glue stick
- (1) pair of scissors
- (1) package of Sharpies



**Please be mindful that all supplies can be found at Walmart, Dollar General, or Dollar Tree and should be replenished throughout the school year. It is important that our students have the necessary supplies at all times to ensure their success in the classroom. Have a great summer and we look forward to seeing you in September!**

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## **7th Grade Summer Reading List 2023-2024 for New Students**

This summer, you are going to choose two books from the reading list below. You can choose two nonfiction books, two fiction books, or a book from each category. When you have picked the books, you are going to note them in the attached reading log. For the log, you need to enter the title of the book, how many pages/chapters you've read, and the date you read those pages. When you are done reading the books, you need to write a summary in **one paragraph**. This will be collected in the beginning of the school year and it will be graded.

### **Fiction Book List**

*Hive Mind* by Timothy J. Bradley

*North by Night: A Story of the Underground Railroad* by Katherine Ayres

*Island of the Blue Dolphins* by Madeleine L'Engle

*Roll of Thunder, Hear My Cry* by Mildred D. Taylor

*Hatchet* by Gary Paulsen

*Bridge to Terabithia* by Katherine Paterson

*Summer of My German Soldier* by Bette Greene

*Wonder* by R.J. Palacio

*The One and Only Ivan* by Katherine Applegate

*Rules* by Cynthia Lord

### **Nonfiction Book List**

*An American Plague: The True and Terrifying Story of the Yellow Fever Epidemic of 1793* by Jim Murphy

*Terezin: Voices from the Holocaust* by Ruth Thomson

*Far From Short: Chronicles of an Open Ocean Voyage* by Sophie Webb

*Birmingham Sunday* by Larry Dane Brimmer

*Candy Bomber: The Story of the Berlin Airlift's "Chocolate Pilot"* by Michael O. Tunnell

*If Stones Could Speak: Unlocking the Secrets of Stonehenge* by Marc Aronson

*Nubs: The True Story of a Mutt, a Marine, & a Miracle* by Major Brian Dennis, Kirby Larson, and Mary Nethery

*Shipwreck at the Bottom of the World: The Extraordinary True Story of Shackleton and the Endurance* by Jennifer Armstrong

*Team Moon: How 400,000 People Landed Apollo 11 on the Moon* by Catherine Timmes

### **Incoming NEW 7th Grade Math Assignments**

You will be given a math challenge packet for summer review. You may work on the challenge in whichever way best suits your style. All I ask is that you do not leave the assignment until the week or even the day before school begins. This challenge is meant for you to maintain your skills. You may use help from siblings, parents, and most importantly your brain to complete the assignments. Please do not use a calculator. You must show all of your work. This packet will be collected on the first day of school and graded.



Evaluate each expression.

1. $5.983 + 2.99$	2. $224 - 56.73$	3. $6.12 - 4.923$
4. $24.5 \cdot 3.2$	5. $0.23 \cdot 7$	6. $3.86 \cdot 9.15$
7. $14.8 \div 5$	8. $46.3 \div 1.5$	9. $147 \div 2.25$
10. $24.33 - 2.5 \cdot 7$	11. $3.9 + 4.5^2$	12. $9.25(18.4 - 2 \cdot 1.2)$

Solve each word problem, showing all work.

13. Jeff had \$46.18 in his wallet Monday morning. He gave half of his money to his brother. He then bought two donuts for \$0.75 each and a cup of coffee for \$2.99. How much money did Jeff have left?	14. Five friends split a \$65.20 bill at a restaurant. They also each left \$2.75 for the tip. How much money did each person pay in all?
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Evaluate each expression.

15. $\frac{4}{5} + \frac{3}{4}$	16. $4\frac{2}{7} + 2\frac{9}{14}$	17. $8\frac{11}{12} + 9\frac{5}{18}$
18. $6 - \frac{3}{8}$	19. $8\frac{3}{5} - 2\frac{1}{3}$	20. $4\frac{1}{6} - \frac{8}{9}$
21. $\frac{4}{25} \cdot \frac{15}{16}$	22. $2\frac{3}{4} \cdot 8$	23. $6\frac{5}{8} \cdot 3\frac{1}{2}$
24. $\frac{7}{9} \div \frac{2}{3}$	25. $\frac{4}{5} \div 10$	26. $5\frac{2}{3} \div 2\frac{5}{6}$

Solve each word problem, showing all work.

27. Jaimie ran $3\frac{1}{2}$ miles on Monday. She ran half as far on Tuesday as she did on Monday. How far did Jaimie run in all on Monday and Tuesday?	28. A $5\frac{1}{2}$ quart pot is filled $\frac{2}{3}$ of the way with water. How many more quarts of water can the pot hold?
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**Exercises: SHOW ALL WORK.**

Find the **mean, median, range, and mode** of each of the following data sets. You may use a calculator to identify the mean.

29. 54, 65, 74, 35, 87

30. 54.6, 45.98, 67.4, 55.6, 45.7, 58.9

Complete the chart by converting each number to a percent, fraction, and/or decimal.

	Fraction	Decimal	Percent
31	$\frac{3}{8}$		
32		0.45	
33			72%
34		0.1	
35	$\frac{3}{200}$		

Find each percent of a number.

36. 30% of 90	37. 15% of 38	38. 50% of 86
39. 75% of 160	40. 24% of 35	41. 2% of 74

Compare the integers with  $<$ ,  $>$ , or  $=$ .

42. $-4 \bigcirc -5$	43. $2 \bigcirc -2$	44. $ -5  \bigcirc  5 $	45. $-7 \bigcirc 6$	46. $-13 \bigcirc -9$
47. $ -7  \bigcirc -6$	48. $-17 \bigcirc -14$	49. $ -3  \bigcirc  -2 $	50. $0 \bigcirc -6$	51. $ -4  \bigcirc  6 $

Graph and label each of the ordered pairs in the coordinate plane. Then state the quadrant or axis in/on which the point is located.

52. A(2, 4)	53. B(0, -3)	
54. C(1, -1)	55. D(3, 3)	
56. E(-4, 1)	57. F(2, 0)	
58. G(-3, -2)	59. H(-2, 3)	
60. I(0, 2)	61. J(-1, -4)	

Find the perimeter, area, and/or volume of the given figure.

<p>62. Find the perimeter &amp; area:</p>	<p>63. Find the perimeter &amp; area:</p>	<p>64. Find the perimeter &amp; area:</p>
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Evaluate each expression for  $a = 5$ ,  $b = 12$ ,  $c = 10$ , &  $d = 2$ .

65. $2b - a$	66. $d(ab - c)$	67. $3 + \frac{b}{d}$
68. $\frac{4a}{b + 4d}$	69. $2a^2 - c$	70. $b - c + d$

Solve each one-step equation.

71. $g + 3 = 17$	72. $r - 6 = 7$	73. $6b = 18$	74. $\frac{h}{q} = 3$
75. $5 = f - 8$	76. $48 = 12b$	77. $a + 24 = 83$	78. $17 + x = 23$
79. $10 = \frac{m}{5}$	80. $86.5 = f - 7.63$	81. $\frac{n}{6} = 11$	82. $\frac{3}{4}h = 12$



Solve each word problem using the method of your choice.

<p>83. A fencing company charges \$22 per foot to install a wood fence. How much will it cost to install a wood fence around a rectangular pool area that is 20 feet wide and 38 feet long?</p>	<p>84. A 6 inch-tall plant grew <math>\frac{3}{4}</math> of an inch one week and twice as much the following week. How tall is the plant now?</p>
<p>85. Jack can read 45 pages of his book in one and a half hours. At that rate, how long will it take him to read the entire 300-page book?</p>	<p>86. Brian ordered 3 large cheese pizzas and a salad. The salad cost \$4.95. If he spent a total of \$47.60 including the \$5 tip, how much did each pizza cost? (Assume there is no tax).</p>
<p>87. A cookie recipe calls for <math>3\frac{1}{4}</math> cups of flour. The recipe makes 3 dozen cookies. How much flour is needed to make 144 cookies?</p>	<p>88. Ella has a box of chocolate candies. She gives <math>\frac{1}{3}</math> of the candies to her sister, 4 to her brother, and she eats the remaining 12 candies. How many chocolate candies were in the box originally?</p>

