HOLY INNOCENTS SCHOOL
Working together for quality Catholic education

STATIONERY LIST FOR GRADE 6 (2023 – 2024)

Please send in **$45.00** to cover the cost of stationery. Included in this amount are the *computer fee ($10.00), FACTS Management fee ($10.00),* and *art fee ($5.00*) ***THIS MONEY WILL BE COLLECTED THE FIRST DAY OF SCHOOL***

MUST BE PURCHASED AT SCHOOL!! NO EXCEPTIONS!!

- 1 Large Pencil Case
- 1 Student Planner
- 1 Library Copybook
- 1 Bible (**MUST PURCHASE HERE TO ENSURE THAT YOU HAVE THE CORRECT EDITION - Bibles from last year may be used**)

Items that may be purchased elsewhere

- (7) Solid Colored Marble Copybooks **(Hard Cover) (NO SPIRAL NOTEBOOKS ARE PERMITTED!) (NO GRAPHICS)(PLEASE BRNG TO SCHOOL UNLABELED AND NOT WRITTEN IN!**)
- (1) Pack of notebook/theme paper (**WIDE RULE**)
- (2) 2-pocket folders (**FOLDERS MUST BE SOLID COLOR ONLY, NO PRONGS, NO PICTURES**)
- (1) 1 inch binder, **SOFT COVER ONLY, NO LARGE BINDERS – be sure binder is 1 inch!**)
- Post It Notes and Post It Tabs
- 2 packs of blue or black pens
- 1 mini stapler
- (3) Jumbo Books Socks (**last year's book socks may be used if in good condition**)
- Pocket Dictionary/Thesaurus (**Merriam-Webster's Dictionary and Thesaurus**)
- Highlighters (**One pack**)
- 1 pack of regular No. 2 pencils (**NO MECHANICAL PENCILS ARE PERMITTED!**)
- Colored pencils/Crayons **(24 ct or less) (No big boxes, they will be sent home)**
- Black Sharpie Marker (**THIN**)
- 1 pack dry erase markers
- Glue – either 1 bottle, stick, or both (**NO GLITTER OR GLITTER GLUE PERMITTED!**)
- 1 roll of clear contact paper to cover workbooks (**purchase now or during the summer**)
- (1) 12 inch ruler
- 1 or 2 erasers (**brick style erasers only, no pencil top erasers**)
- Scissors
- 2 reams of white copy paper
- 2 rolls of scotch tape
- (2) Correction tape (**NO LIQUID WHITE OUT PERMITTED**)

Prohibited items will need to be replaced with correct supplies from this list. *Please replace stationery items as needed during the school year.*

Parents, it is also a good idea to keep scotch tape, a stapler, and <u>envelopes</u> in your home for homework and projects.

We ask that each student bring in the following:
- 1 pack of Mr. Clean Erasers
- 2 new boxes of tissues
- 2 new bottles of hand sanitizer
- 2 new rolls of paper towels
- 1 new pack of surface disinfectant wipes
- 1 new pack of hand sanitizing wipes

Thank You in advance for your help and support!
Mr. Chris Cassizzi

Touching "Spirit Bear"

Name_____ Date_____

If you need extra lines use a separate sheet of paper!

Introduction – How does the book begin?

_____

_____

_____

_____

_____

Character Description- Name and describe 3 main characters.

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Conflict – What are some of the problems that the main character faces? What are some of the problems that other characters face, as well?

_____

_____

_____

_____

_____

Rising Action – How do the characters go about solving their problems? How do the characters begin to change?

_____

_____

_____

_____

_____

Discovery – What are some of the things that the main character discovers about himself, about others, and about his life throughout the story?

_____

_____

_____

_____

_____

_____

_____

Climax – What is the turning point of the story?

_____

_____

_____

_____

_____

_____

_____

Falling Action – How do some of the characters resolve their problems?

_____

_____

_____

_____

_____

_____

Resolution – Explain what ultimately happens to the main character. How does the story end?

_____

_____

_____

_____

_____

What did you like best about this book? What did you like the least?

_____

_____

_____

_____

_____

_____

If there was one thing you could change about the story, what would it be?

_____

_____

_____

_____

_____

Would you recommend this book for others to read? Why or why not?

_____

_____

_____

_____

_____

_____

Holy Innocents Catholic School

Summer Math Packet
for
Students Entering 6th Grade

Please complete this packet and return it to school on Friday, September 8th, 2023.
- ✓ Work on your packet gradually. Complete a few pages each week.
- ✓ ALL WORK MUST BE SHOWN FOR FULL CREDIT. Extra paper may be used to show work, but you must attach it to your packet.
- ✓ Your name must be written on the front to this packet.
- ✓ Parent signature must appear below your name
- ✓ Submit the packet by the due date above.
  Each day the packet is late will result in a 10 point deduction for the grade.
- ✓ The packet will be graded and count as the first major grade for the first trimester.
- ✓ No packets will be accepted after Monday, September 11, 2023.

If you have any questions regarding the summer Math packet, please feel free to contact Mr. Cassizzi at mrcrms71@gmail.com. When reaching out to me during the summer weeks, please allow extended time for a reply.

Student:_____

Parent:_____

Name _____

Addition
Find the sum of the two numbers in each problem.
Show all work.

Example:

$$
\begin{array}{r}
{\scriptstyle 1\ \ \ 1} \\
4\ 4\ 8 \\
+\ 1\ 8\ 8 \\
\hline
6\ 3\ 6
\end{array}
$$

1. 652
    + 345

2. 203
    + 525

3. 726
    + 268

Decimal Addition:
Remember to line up the decimals before adding. Bring the decimal straight down in your answer.

4. 7.75
    + 1.46

5. 51.4 + 2.86

6. .1274 + 8.25

Subtraction
Find the difference between the two numbers in each problem. Show all work.

Example:

$$
\begin{array}{r}
{\scriptstyle 3\ \ 13} \\
7\ \cancel{4}\ \cancel{3} \\
2\ 1\ 8 \\
-\ \rule{1.5cm}{0.4pt} \\
\hline
5\ 2\ 5
\end{array}
$$

7.
    407
    - 198

8.
    7,007
    -2,426

9.
    3,414
    -1,218

Decimal Subtraction:
Remember to line up the decimals before subtracting. Bring the decimal straight down in your answer.

10.
    338.38
    - 149.27

11.
    80.401 – 44.23

12.
    75.89 – 9.4

Multiplication	Example:	5 4			2
Find the product of the two numbers in each problem. Show all work.		$\times$ 1 6			

$$\begin{array}{r} 54 \\ \times 16 \\ \hline 324 \\ +540 \\ \hline 864 \end{array}$$

13.

$$\begin{array}{r} 65 \\ \times\ 4 \\ \hline \end{array}$$

14.

$$\begin{array}{r} 42 \\ \times\ 8 \\ \hline \end{array}$$

15.

$$\begin{array}{r} 84 \\ \times\ 39 \\ \hline \end{array}$$

Decimal Multiplication:
Multiply as you would with whole numbers. Count the decimal places in each factor. The product (answer) has the same number of decimal places.

16.

$$\begin{array}{r} .13 \\ \times\ 70 \\ \hline \end{array}$$

17.

$$\begin{array}{r} 5.1 \\ \times\ 2 \\ \hline \end{array}$$

18.

$$\begin{array}{r} .108 \\ \times\ 2.5 \\ \hline \end{array}$$

Division
Find the quotient in each problem. If there is a remainder, state the remainders as R=____. Show all work. Feel free to use a separate sheet of paper.

19.

$7\overline{)591}$

20.

$12\overline{)264}$

21.

$43\overline{)2815}$

Decimal Division:
If the divisor (outside number) is a decimal, you must move the decimal point (using multiplication) to the right until it becomes a whole number. Then, move the decimal in the dividend (inside number) the same number of times. Divide to find your answer (quotient). Then, move the decimal straight up from the dividend to the quotient. Remember, no remainders.

$$\frac{quotient}{divisor)\overline{dividend}}$$

22.

$3\overline{)31.8}$

23.

$.5\overline{)7.45}$

24.

$.12\overline{)12.24}$

Rounding
Underline the given place value. Look to the right. If this digit is 5 or greater, increase the underlined digit by 1. If the digit to the right is less than 5, keep the underlined digit the same.

Round to the nearest...

hundredth

0.547   0.55

Round to the nearest....

25.   tenth
       0.3479

26. hundredth
     0.7553

27. whole number
    3.268

28. ten
     162.21

29.   thousandth
       0.0036

30.   hundred
       990.54

Compare the decimals.

Compare using <, >, or =
1.2 ◯ 1.20   1.2 = 1.20

31. 0.205 ◯ 0.21

32. 1.03 ◯ 0.03

33. 0.04 ◯ 0.050

Prime Number: A whole number greater than 1 that has only two factors, 1 and itself. Examples: 2, 3, 5, 7, 11, 13, 17, and 19 are all prime numbers.

Composite Number: A whole number greater than 1 that has more than two factors. Example: 8 is a composite number since its factors are 1, 2, 4, 8.

Determine if the following numbers are prime or composite. If the numbers are composite, please list all of the factors.

37. 27: _____

38. 39: _____

39. 43: _____

40. 49: _____

Exponents
A way to show repeated multiplication by the same factor is to use an exponent. In this example: $2^3 = 2 \times 2 \times 2 = 8$. The small raised three is the exponent. It tells how many times the number 2, called the base, is multiplied by itself.

Solve the following expressions by writing the expanded notation (repeated multiplication) and find the value.

41. 6^2 42. 2^6 43. 3^4

44. eight squared   45. five cubed

Greatest Common Factor
The greatest factor that two or more numbers
have in common (GCF).
1. List all the factors of **four** in order
2. List all the factors of **twenty** in order
3. List the common factors
4. Write the greatest common factor

Finding Common Factors:
4: **1, 2, 4**
20: **1, 2, 4,** 5, 10, 20
Common Factors: **1, 2, 4**   GCF= **4**

List all the factors for each number. Circle the common factors.

46.   18 : _____

         30 : _____

         Common Factors: _____   Greatest Common Factor: _____

47.   60 : _____

         45 : _____

         Common Factors: _____   Greatest Common Factor: _____

48.   23: _____

         29: _____

         Common Factors: _____   Greatest Common Factor: _____

49.   56: _____

         72: _____

         Common Factors: _____   Greatest Common Factor: _____

Least Common Multiple The smallest nonzero multiple that two or more numbers have in common. 1. List the first 6 multiples of 4 2. List the first 6 multiples of 6 3. List the common multiples 4. Write the least common multiple.	Finding Common Multiples: 4: **4, 8, 12, 16, 20, 24** 6: **6, 12, 18, 24, 30, 36** Least Common Multiple= 12

50.   8 : _____

12 : _____

Common Multiples: _____Least Common Multiple: _____

51.   7 : _____

11 : _____

Common Multiples: _____Least Common Multiple: _____

52.   25 : _____

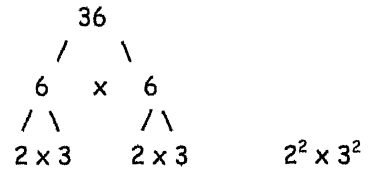10 : _____

Common Multiples: _____Least Common Multiple: _____

53.   24 : _____

36: _____

Common Multiples: _____Least Common Multiple: _____

Prime Factorization is a composite number renamed as a product of prime numbers. You may make a factor tree to find the answer. Put final answer in exponent form.	Find the prime factorization of 36. 　　　36 　　/　　\ 　6　x　6 　/\　　/\ 2 x 3　2 x 3　　　$2^2 \times 3^2$

54.

180

55.

525

56.

91

57.

48

Order of Operations

Solve the following problems. Show your work. Be sure to follow the order of operations.

<u>P</u>arenthesis
<u>E</u>xponents
<u>M</u>ultiplication or <u>D</u>ivision: Which ever comes first
                       from left to right.
<u>A</u>ddition or <u>S</u>ubtraction: Which ever comes first
                       from left to right.

Example: $8 - 4 \div 2 + 2 =$
               $8 - 2 + 2 =$
                 $6 + 2 =$
                   8

68. $15 \times 8 - 3 =$ 69. $36 \div 4 \times 3 =$ 70. $(30 + 8) \times 6 - 1 =$

71. $(30 + 8) \times (6-1) =$ 72. $(29 - 18) + 14 \div 2 + 6 =$ 73. $64 \div 8 \times 2$
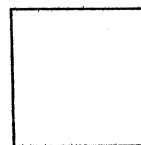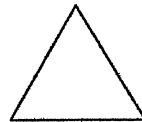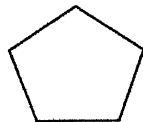
74. $36 - 5 (16 - 11) =$ 75. $25 + 18 \div 6 - 1 =$ 76. $24 + 6^2 - 1^4 \ =$

Geometry-Who am I?
Use the following shapes to answer the questions below.
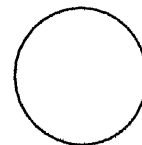
77. I am a 2 dimensional shape that has four sides. I have four 90 degree angles. I have two sets of parallel lines. I also have two sides that are one length, and my other two sides are a different length.

Who am I?_____

78. I am a 2 dimensional shape that has three acute angles. All of my sides are the same length. I have no parallel sides.

Who am I? _____

79. I am a 2 dimensional shape that has four sides. I have two obtuse angles and two acute angles. I have two different sets of parallel sides. I also have two sides that are one length, and my other two sides are a different length.

Who am I? _____

80. I am a 2 dimensional shape that has 5 obtuse angles. I do not have any sides that are parallel.

Who am I? _____

81. I am a 2 dimensional shape that has four 90 degree angles. I have four sides that are all the same length. I have two different sets of parallel lines.

Who am I? _____

82. I am a 2 dimensional shape. My perimeter is also known as a circumference.

Who am I? _____

Simply Fractions
Simplify the following fractions. If the fractions are improper, change them to mixed numbers then simplify.

Example: $\dfrac{10 \div 5}{25 \div 5} = \dfrac{2}{5}$

83.

$$\frac{14}{28}$$

84.

$$\frac{15}{55}$$

85.

$$\frac{12}{51}$$

86.

$$\frac{34}{48}$$

87.

$$\frac{17}{4}$$

88.

$$\frac{80}{25}$$

Adding Fractions and Mixed Numbers
   Add the following fractions. Make sure you have common denominators before adding. Remember, you only add the numerator (top number) and you keep the denominator (bottom number) the same! Simplify your final answers.

Example:

$$\frac{1}{3} + \frac{1}{5} =$$

$$\downarrow \qquad \downarrow$$

$$\frac{5}{15} + \frac{3}{15} = \frac{8}{15}$$

89.
$$\frac{6}{10} + \frac{3}{10} =$$

90.
$$2\frac{3}{8} + 1\frac{2}{8} =$$

91.
$$\frac{1}{9} + \frac{5}{6} =$$

92.
$$\frac{1}{12} + 1\frac{2}{3} =$$

Subtracting Fractions

    Subtract the following fractions. Make sure you have common denominators before subtracting. Remember, you only subtract the numerator (top number) and you keep the denominator (bottom number) the same! Simplify your final answers.

Example:

$$\frac{5}{6} - \frac{1}{3} =$$

$$\frac{5}{6} - \frac{2}{6} = \frac{3}{6} = \frac{1}{2}$$

93.

$$\frac{5}{6} - \frac{3}{6} =$$

94.

$$2\frac{8}{12} - 1\frac{3}{12} =$$

95.

$$\frac{7}{10} - \frac{2}{4} =$$

96.

$$3\frac{4}{5} - \frac{1}{4} =$$

Multiplying Fractions

    Multiply the following fractions. Multiply the numerators; then multiply the denominators. Simplify, if necessary.

Example:

$$\frac{3}{5} \times \frac{5}{9} = \frac{15}{45} = \frac{1}{3}$$

97.

$$\frac{3}{4} \times \frac{1}{3} =$$

98.

$$\frac{2}{3} \times \frac{5}{8} =$$

99.

$$\frac{1}{3} \times \frac{2}{5} =$$

100.

$$\frac{7}{8} \times 2 =$$