

## **Summer Enrichment Packet For Students Entering Grade 5**

Dear Grade 5 Families,

I am very excited to start a new school year with you all come this August! Here at St. Francis Xavier, our goal is for all students to be successful in both mathematics and reading comprehension. In order to do so, students must consistently keep up with their work, even during the summer. This packet has been divided into a math component and a reading component. This will help ensure that students practice the skills they have learned in 4<sup>th</sup> grade, along with some new concepts to try from 5<sup>th</sup> grade.

### **Math Component**

The Math packet is divided up into 8 weekly sections. This packet will be most helpful to each student if they complete one section per week **throughout** the summer. It is designed to be done at this pace, rather than waiting for the last minute to get it done. All students are **required** to complete this packet and bring it in on the first day of school come August. It will count as their first quiz grade in Math.

Please note that the effort put into this assignment is more important than having the correct answer for each problem. Please keep this packet in a safe place, but if you happen to lose this packet, it can be found on our school website. Additionally, while not required, it's also helpful for students to work on IXL skills throughout the summer as well.

### **Reading Component**

For Summer Reading, students are required to read the following book:

- *Wish* by Barbara O'Connor

After students have completed reading the book, they will complete the "Book Review" sheets included. Along with the Math packet, this book review is due on the first day of school. It will also count as their first quiz grade in Reading. Students will also take a quiz on the book once we get situated as a class.

Thank you for your cooperation!  
Miss Isidoro

GRADE 5 SUMMER READING "BOOK REVIEW"

BOOK TITLE: \_\_\_\_\_

AUTHOR: \_\_\_\_\_

RATING (out of 5 stars):



EXPLAIN YOUR RATING:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

WOULD YOU RECOMMEND THIS BOOK TO A FRIEND? \_\_\_\_\_

WHY/WHY NOT?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

WHAT 3 ADJECTIVES WOULD YOU USE TO DESCRIBE THIS BOOK?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

SUMMARY

WHAT IS THE BOOK ABOUT?

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WHERE DOES THE BOOK MAINLY TAKE PLACE? (SETTING)

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WHO IS THE BOOK MAINLY ABOUT? (MAIN CHARACTERS)

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

WEEK 1

Multiply.

$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

Round the following numbers to the underlined digit.

1) 54,239

2) 1.55

3) 27.1

4) 1,605

5) 182,500

Write the standard form of the number given.

6) five hundred forty two thousand, nine hundred nine \_\_\_\_\_

Write the word form of the number given.

7) 9,201,690 12 \_\_\_\_\_

8) 0.24 \_\_\_\_\_

Write the value of the underlined digit.

9) 2,242 \_\_\_\_\_

10) 63,666 \_\_\_\_\_

Place a comma where needed in the following numbers.

11) 1 0 2 3 7

12) 5 4 2 1 0 0

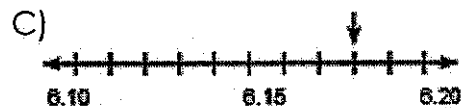
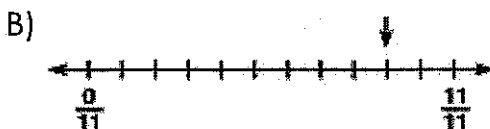
Compare using <, >, =.

13) 34,245 \_\_\_\_\_ 34,245

14) 709,069 \_\_\_\_\_ 709,075

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

Label the part of each number line that the arrow points to.



Multiply.

1. 
$$\begin{array}{r} 450 \\ \times 62 \\ \hline \end{array}$$

2.  $421 \times 6$

3. 
$$\begin{array}{r} 83 \\ \times 25 \\ \hline \end{array}$$

Divide. Use multiplication to check your work!

4.  $9 \overline{)324}$

Check

5.  $\$52 \div 8$

Check

6.  $6 \overline{)5736}$

Check

Write the following numbers in expanded form.

7. 4,302,500 \_\_\_\_\_

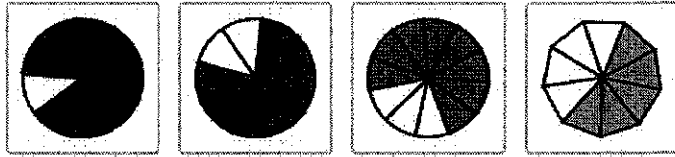
8. 44,321 \_\_\_\_\_

9. 298,320 \_\_\_\_\_

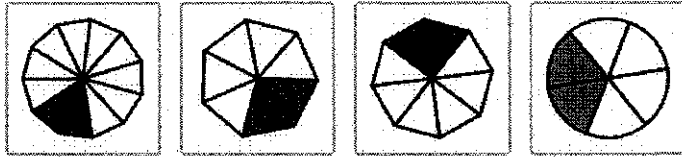
Name: \_\_\_\_\_

Circle the correct answer.

1. Which shape shows the fraction  $\frac{8}{9}$ ?



2. Which shape shows the fraction  $\frac{2}{8}$ ?



Write the following fractions in lowest terms (simplify).

3.  $\frac{2}{14}$

4.  $\frac{9}{18}$

5.  $\frac{3}{24}$

6.  $\frac{11}{55}$

7.  $\frac{3}{39}$

Compare the two fractions in the problems below.

8.  $\frac{2}{8}$  \_\_\_\_\_  $\frac{1}{2}$

9.  $\frac{14}{21}$  \_\_\_\_\_  $\frac{5}{7}$

10.  $\frac{9}{27}$  \_\_\_\_\_  $\frac{2}{9}$

Add or subtract the following fractions, then simplify your answer.

11.  $\frac{2}{8} + \frac{1}{8} =$

12.  $\frac{8}{9} - \frac{2}{9} =$

13.  $\frac{6}{10} + \frac{20}{100} =$

14.  $\frac{50}{100} + \frac{3}{10} =$

Solve.

15.  $\frac{2}{3}$  of 9 =

16.  $\frac{3}{5}$  of 5 =

WEEK 3 continued...

Make the fractions equivalent by filling in the missing numerator or denominator.

17.  $\frac{1}{3} = \frac{\quad}{12}$

18.  $\frac{1}{2} = \frac{9}{\quad}$

19.  $\frac{3}{7} = \frac{\quad}{14}$

20.  $\frac{2}{3} = \frac{6}{\quad}$

Multiply.

21. 
$$\begin{array}{r} 46 \\ \times 78 \\ \hline \end{array}$$

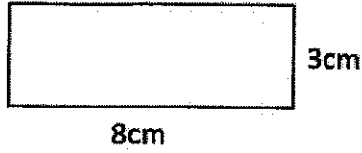
22. 
$$\begin{array}{r} 9,308 \\ \times 3 \\ \hline \end{array}$$

23. 
$$\begin{array}{r} 49 \\ \times 82 \\ \hline \end{array}$$

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

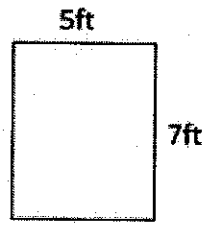
Find the area.

1.



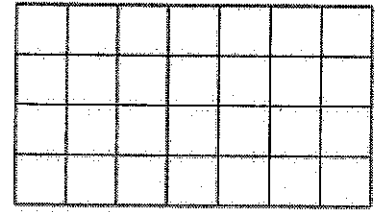
Area = \_\_\_\_\_ square cm

2.



Area = \_\_\_\_\_ square ft

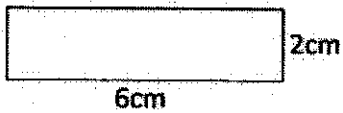
3.



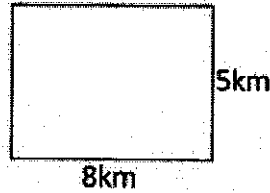
Area = \_\_\_\_\_ square cm

Find the perimeter.

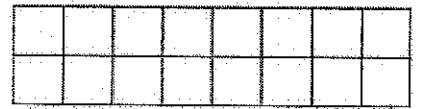
4.



5.

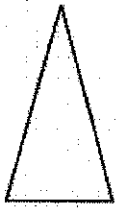


6.



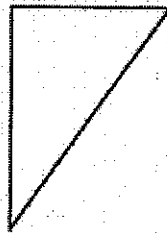
Label the following triangles acute, obtuse or right based on the sizes of their angles.

7.



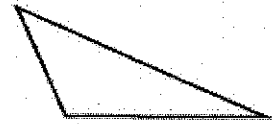
\_\_\_\_\_

8.



\_\_\_\_\_

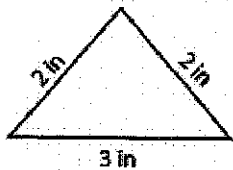
9.



\_\_\_\_\_

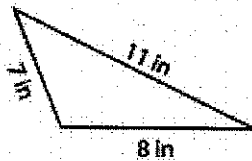
Label the following triangles scalene, isosceles or equilateral based on the lengths of their side.

10.



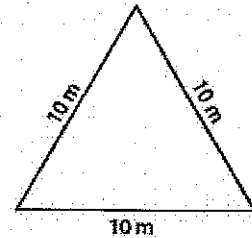
\_\_\_\_\_

11.



\_\_\_\_\_

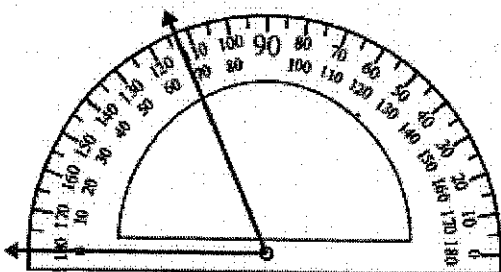
12.



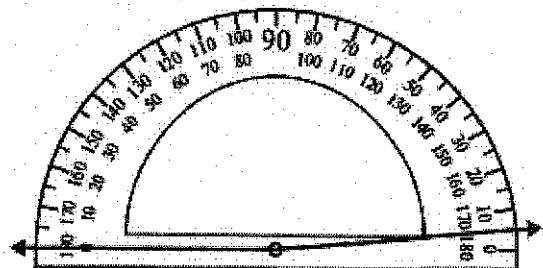
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Find the measures of the angles being shown on each protractor.

13.



14.





**Find the sum.**

1.  $18 + 65 + 69 =$  \_\_\_\_\_

2.  $70 + 94 + 91 =$  \_\_\_\_\_

3.  $78 + 23 + 81 =$  \_\_\_\_\_

4.  $37 + 76 + 88 =$  \_\_\_\_\_

**Find the difference.**

1. 
$$\begin{array}{r} 3,920 \\ - 2,219 \\ \hline \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 2,369 \\ - 1,223 \\ \hline \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 5,783 \\ - 1,152 \\ \hline \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 991 \\ - 891 \\ \hline \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 7,800 \\ - 3,113 \\ \hline \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 5,195 \\ - 1,849 \\ \hline \\ \hline \end{array}$$

**Find the product.**

1.  $12 \times 18 =$

2.  $52 \times 54 =$

3.  $33 \times 27 =$

4.  $61 \times 14 =$

**Find the quotient.**

1.  $8120 \div 8 =$

2.  $6380 \div 4 =$

3.  $981 \div 9 =$

4.  $612 \div 3 =$

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

(mixed grade 4 review) **WEEK 6**

1. A rectangular shop in the mall is 5 meters wide and 10 meters long. What is its area?

**Add the following amounts of money.**

2.  $\$14.20 + \$15.10$

3.  $\$2.25 + \$3.75$

4.  $\$1.80 + \$2.20$

**Write all of the factors of the following numbers, then circle prime or composite.**

5. 91

6. 15

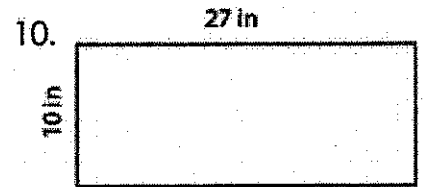
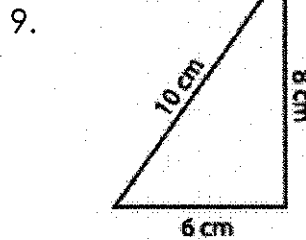
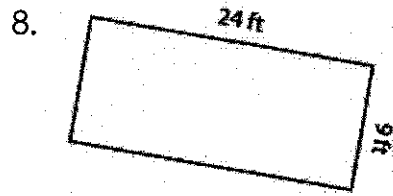
7. 19

prime    composite

prime    composite

prime    composite

**Find the perimeter of the following rectangles and triangles.**

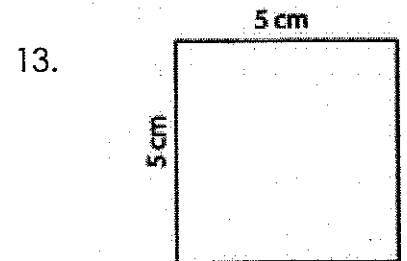
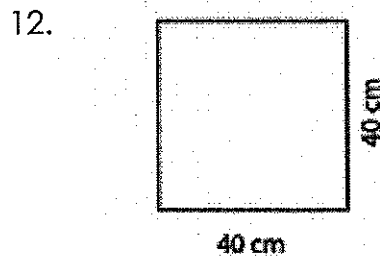
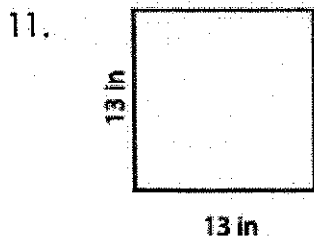


Perimeter =

Perimeter =

Perimeter =

**Find the area and perimeter of the following rectangles.**



Area: \_\_\_\_\_

Area: \_\_\_\_\_

Area: \_\_\_\_\_

Perimeter: \_\_\_\_\_

Perimeter: \_\_\_\_\_

Perimeter: \_\_\_\_\_



6. Lindsay bought several books last month. Each book was priced differently. The prices were as follows: \$28.34, \$38.55, \$63.21, and \$135.75. How much money did Lindsay spend in all?

7. Troy is comparing the fractions  $\frac{2}{3}$  and  $\frac{3}{12}$ . She cannot figure out which fraction is larger.

Which one is the bigger fraction? How can you explain the answer to Troy?

Multiply.

$$\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 0 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 0 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 0 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ \times 1 \\ \hline \end{array}$$

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

WEEK 8

Write two equivalent fractions for each of the fractions below.

1.  $\frac{6}{9} =$  \_\_\_\_\_

2.  $\frac{2}{13} =$  \_\_\_\_\_

3.  $\frac{5}{7} =$  \_\_\_\_\_

Add.

4. 
$$\begin{array}{r} 5.06 \\ + 4.01 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 6.8 \\ + 1.1 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 2.2 \\ + 5.5 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 8.08 \\ + 6.86 \\ \hline \end{array}$$

Subtract.

8. 
$$\begin{array}{r} 77.98 \\ - 61.46 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 1.44 \\ - 1.14 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 81.77 \\ - 42.72 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 9.62 \\ - 3.55 \\ \hline \end{array}$$

Multiply.

12.  $\$7.99 \times 6$

13.  $\$51.15 \times 5$

14.  $\$24.97 \times 8$

How many minutes are there from 12:30pm to 1:25pm?

How many hours are there in one week, if there are 24 hours in one day?

Lillian left home at 8:35 am. Sydney left home 40 minutes after Lillian. Benjamin left home 12 minutes after Lillian left. At what time did Carlos leave home this morning?