St. Pius X School
Grade 5
Summer Work 2025

All incoming fifth graders will read *The Lemonade War by Jacqueline Davies*
Please bring in your completed project on the second day of school.

Required Reading project choices:

The Lemonade War by Jacqueline Davies

Create a Poster.

Your poster (11 x 14 poster size poster board) should focus on the ten business concepts from the story.

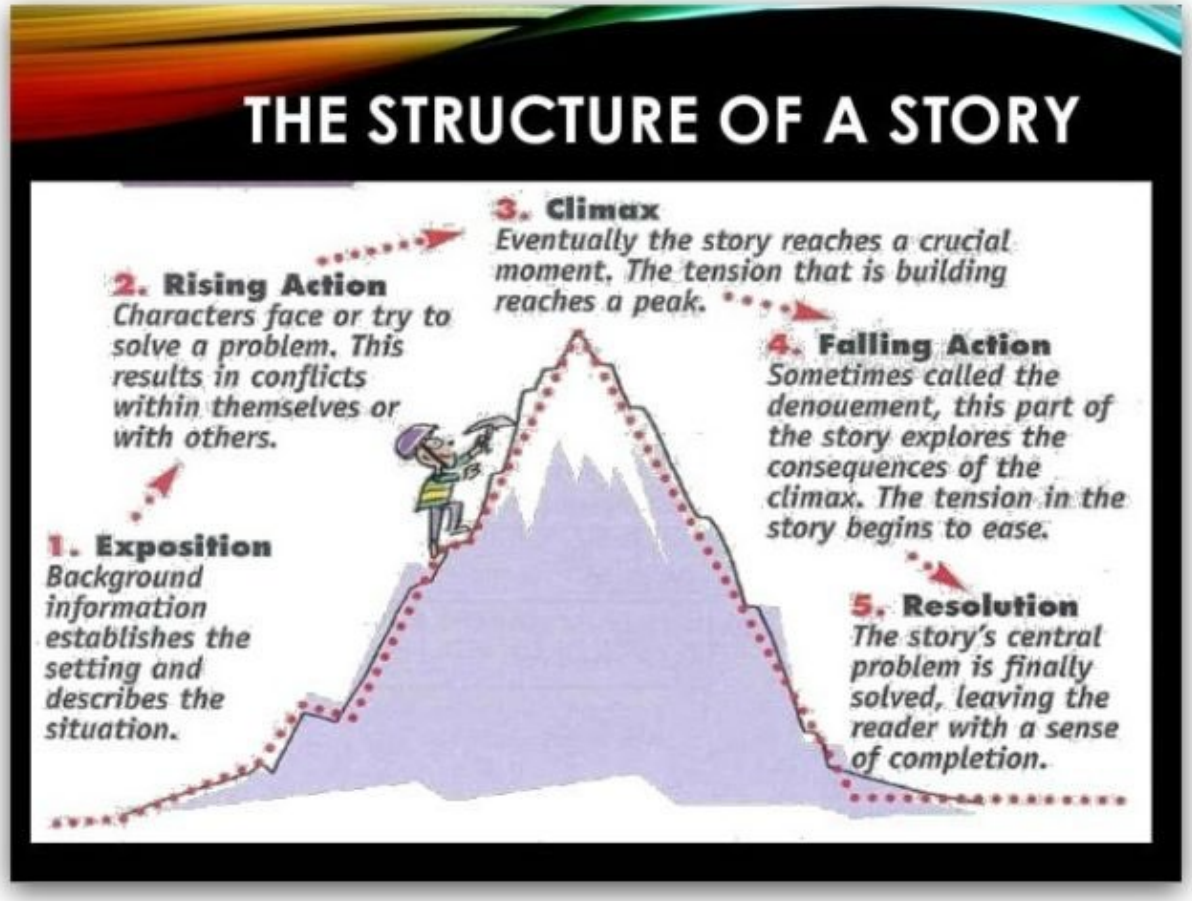
Your poster will be graded on accuracy of information, understanding of the business concepts and creativity.

Or

Write a Book Review

Write a book review for *Lemonade War.* Give information using story structure of exposition, rising action, climax, falling action, and resolution but don't give away the ending. The book review should be at least 3 full paragraphs long. Check newspapers, and on line book reviews for children for examples. [Ex: While it is true that *The Lemonade War* is both a painless economics lesson and leaves room for math exploration, I liked it not because of those things, but because it is neat and endearing. It's a quick read, and characters are not tremendously fleshed out, but you get interested in their story and are charmed by the whole thing. It's almost like a more modern Beverly Cleary novel, but with different children. It was predictable. It was entertaining. It is a painless lesson in economics with optional math exploration. I would recommend it.]

Your book review should be typed or neatly hand-written. You will be graded on writing skills, use of correct mechanics: grammar, punctuation, spelling and capitalization as well as your comprehension of the events in the story.



Math: Summer math work packet enclosed.

Please bring the **required** and completed math packet to school on the **first day of school.**

Religion: ***St. Pius X: The Farm Boy Who Became Pope*** by Walter Diethelm, OSB

Social Studies: Choose a Native American Tribe~ Sioux, Cherokee, Apache, Navaho, using informational text, and online resources conduct research on the tribe's history. Detail where (geographically) the tribe is located, cultural aspects of the tribe – ceremonies, beliefs, crafts etc. Write or type an essay 8-10 sentences long. This is more an overview than opposed to an in-depth study.

Science: Get outside and keep a journal of the things you see, hear, and smell, describe nature using these senses.

St. Pius X School
Grade 5 Supply List

· 3 boxes of Kleenex (prefer non-lotion)
· 4 large containers of antibacterial wipes
1 bottle liquid hand-washing soap
· 3 rolls of paper towel
· 4 packages of 3x5 **lined** index cards and container (preferably soft like a pouch)
· 1 clipboard
· 4 Ticonderoga 18 count #2 pencils(sharpened) (**NO** mechanical pencils)
· 4 glue sticks
· 1 box of 24 Crayola colored pencils
· pencil pouch
· 2 highlighters
· 1 – 1 1⁄2 in. Three Ring Binder
· 50 count page protectors
. 7 colored, 2 pocket folders: red, blue, green, yellow, orange, brown and purple
. 1 safety school type scissors
. 3 Hardcover Mead Composition Books
. Headphones or earbuds
. 2 3x3 SQUARE post-it notes
1 3 Ring binder with reinforced notebook paper and dividers
Blue, **black** and **red** pen (non-clicking)

Please bring all school supplies with you on the FIRST DAY of school.

5TH GRADE SUMMER

MATH PACKET

Facts Practice 1: Multiplication

Directions: Set timer for 5 minutes.

6x0=	7x2=	11x5=	10x11=	11x4=
10x11=	9x3=	3x9=	6x11=	7x1=
6x5=	11x4=	4x5=	6x9=	6x8=
4x11=	9x2=	5x2=	10x4=	5x2=
2x1=	7x8=	4x6=	11x5=	6x10=
3x6=	11x8=	2x3=	9x5=	5x7=
5x2=	11x6=	5x0=	4x9=	11x2=
4x7=	9x8=	7x8=	4x8=	9x8=
5x5=	11x9=	10x3=	5x6=	8x4=
3x5=	9x1=	4x8=	12x11=	10x9=

Skills Practice 1

1. 34 x 28	2. 999 + 813	3. Solve the expression. Use Order of Operations $6 \times 7 - 8 \div 4$
4. List the first 5 multiples of: **2:**_____ **4:**_____ **6:**_____	5. Use the distributive property to solve: $9 \times (4 + 11)$	6. Name the rule and list the next three terms in the pattern. 61, 55, 49, 43, 37 ...
7. Write two equivalent fractions for each fraction. $\frac{2}{3} =$ $\frac{3}{5} =$	8. Write each improper fraction as a mixed number. $\frac{37}{5} =$ $\frac{19}{4} =$	9. Solve: 19.78 + 4.6 = _____
10. 321 x 183	11. Fill in the blanks. _____ inches = 3 feet _____ feet = 6 yards	12. How much time has elapsed? 10:40 P.M. to 1:40 A.M.
13. What is the value of the underlined digit? 2.034	14. Find the area and perimeter. 5 cm 1 cm 	15. Sarah has 4 notebooks. Each notebook has 205 pages. How many pages are there in all?

Facts Practice 2: Division

Directions: Set timer for 5 minutes.

1. $96 \div 12 =$ ☐
2. $9 \div 1 =$ ☐
3. $54 \div 6 =$ ☐
4. $80 \div 10 =$ ☐
5. $72 \div 6 =$ ☐
6. $15 \div 3 =$ ☐
7. $50 \div 10 =$ ☐
8. $70 \div 7 =$ ☐
9. $32 \div 4 =$ ☐
10. $90 \div 9 =$ ☐
11. $9 \div 9 =$ ☐
12. $2 \div 2 =$ ☐
13. $30 \div 6 =$ ☐
14. $22 \div 2 =$ ☐
15. $72 \div 9 =$ ☐
16. $30 \div 10 =$ ☐
17. $99 \div 11 =$ ☐
18. $120 \div 12 =$ ☐
19. $100 \div 10 =$ ☐
20. $20 \div 5 =$ ☐
21. $8 \div 8 =$ ☐
22. $9 \div 9 =$ ☐
23. $11 \div 11 =$ ☐
24. $10 \div 10 =$ ☐
25. $8 \div 1 =$ ☐
26. $66 \div 11 =$ ☐
27. $110 \div 11 =$ ☐
28. $11 \div 1 =$ ☐
29. $9 \div 9 =$ ☐
30. $54 \div 9 =$ ☐
31. $56 \div 7 =$ ☐
32. $36 \div 4 =$ ☐
33. $16 \div 2 =$ ☐
34. $132 \div 12 =$ ☐
35. $22 \div 11 =$ ☐
36. $28 \div 7 =$ ☐
37. $48 \div 6 =$ ☐
38. $120 \div 10 =$ ☐
39. $132 \div 12 =$ ☐
40. $50 \div 5 =$ ☐
41. $35 \div 7 =$ ☐
42. $24 \div 8 =$ ☐
43. $77 \div 7 =$ ☐
44. $72 \div 6 =$ ☐
45. $5 \div 5 =$ ☐
46. $10 \div 10 =$ ☐
47. $2 \div 1 =$ ☐
48. $110 \div 10 =$ ☐
49. $10 \div 10 =$ ☐
50. $12 \div 4 =$ ☐

Skills Practice 2

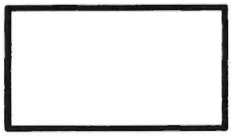
1. $179 \div 4 =$ _____	2. 70,076 - 5,895	3. Solve the expression. Use Order of Operations 3 x 20 - 5
4. List the factors of: 21: _____ 7: _____	5. Use the distributive property to solve: 3 x (8 + 12)	6. Name the rule and list the next three terms in the pattern. 10, 18, 26, 34, 42 ...
7. Write each fraction in simplest form. $\frac{3}{12} =$ $\frac{4}{10} =$	8. Round the number to the nearest hundreds. 23,749	9. Solve: 6.76 – 0.3 = _____
10. What is the value of the underlined digit? 1,<u>2</u>83, 899	11. Fill in the blanks. _____ inches = 2 yards _____ feet = 1 mile	12. Find the missing number. 60 x _____ = 2,400
13. Round the number to the nearest tenths. 749.45	14. Find the area and perimeter. 7 in 2 in 	15. Find the mean, median, and mode. 4, 5, 2, 4, 6, 3 mean: _____ median: _____ mode: _____

Facts Practice 3: Multiplication

Directions: Set timer for 5 minutes.

7x7=	11x7=	12x4=	9x11=	9x9=
6x9=	1x5=	4x8=	10x10=	8x6=
3x6=	11x11=	1x7=	11x9=	9x10=
4x7=	5x5=	1x2=	3x11=	10x8=
6x8=	3x8=	10x12=	4x10=	9x9=
1x4=	7x5=	4x11=	8x4=	4x9=
7x4=	9x2=	3x4=	4x9=	10x5=
3x11=	7x10=	7x9=	5x10=	10x4=
9x9=	3x11=	1x3=	0x5=	9x5=
12x5=	5x10=	8x9=	5x8=	7x8=

Skills Practice 3

1. 827 x 32	2. 1,675 + 1,092	3. Solve the expression. Use Order of Operations $(24+2)\div 2$
4. List the first 5 multiples of: **3:**_____ **5:**_____ **7:**_____	5. Use the distributive property to solve: $4 \times (10 + 7)$	6. Name the rule and list the next three terms in the pattern. 5, 4, 8, 7, 14...
7. Write the fractions as fractions with a common dominator. $\frac{3}{4}$ and $\frac{1}{3}$	8. Write each decimal in word form. 302.78_____ _____ 15.023_____ _____	9. Solve: 14.2 + 0.23 = _____
What is the value of the underlined digit? 10. <u>1</u>4,678,543	11. Fill in the blanks. 20 quarts = _____ gallons 7 tons = _____ pounds	12. How much time has elapsed? 2:20 P.M. to 5:57 P.M.
Round the number to the 13. nearest thousands. 23,749	14. Find the area and perimeter. 5 cm 4 cm 	15. Carl put 42 cards into equal stacks of 7. How many stacks did he make?

Facts Practice 4: Division

Directions: Set timer for 5 minutes.

1. $15 \div 5 =$ ☐
2. $72 \div 12 =$ ☐
3. $12 \div 12 =$ ☐
4. $22 \div 11 =$ ☐
5. $120 \div 12 =$ ☐
6. $3 \div 3 =$ ☐
7. $20 \div 4 =$ ☐
8. $2 \div 2 =$ ☐
9. $10 \div 2 =$ ☐
10. $66 \div 11 =$ ☐
11. $132 \div 12 =$ ☐
12. $24 \div 3 =$ ☐
13. $12 \div 4 =$ ☐
14. $50 \div 5 =$ ☐
15. $27 \div 3 =$ ☐
16. $132 \div 11 =$ ☐
17. $11 \div 11 =$ ☐
18. $54 \div 6 =$ ☐
19. $48 \div 6 =$ ☐
20. $9 \div 1 =$ ☐
21. $6 \div 6 =$ ☐
22. $120 \div 12 =$ ☐
23. $20 \div 4 =$ ☐
24. $3 \div 3 =$ ☐
25. $12 \div 2 =$ ☐
26. $60 \div 10 =$ ☐
27. $28 \div 7 =$ ☐
28. $60 \div 12 =$ ☐
29. $22 \div 2 =$ ☐
30. $33 \div 3 =$ ☐
31. $6 \div 1 =$ ☐
32. $20 \div 4 =$ ☐
33. $6 \div 6 =$ ☐
34. $121 \div 11 =$ ☐
35. $81 \div 9 =$ ☐
36. $18 \div 3 =$ ☐
37. $48 \div 8 =$ ☐
38. $18 \div 9 =$ ☐
39. $72 \div 8 =$ ☐
40. $22 \div 11 =$ ☐
41. $100 \div 10 =$ ☐
42. $6 \div 1 =$ ☐
43. $132 \div 12 =$ ☐
44. $6 \div 6 =$ ☐
45. $72 \div 9 =$ ☐
46. $2 \div 1 =$ ☐
47. $20 \div 2 =$ ☐
48. $72 \div 12 =$ ☐
49. $40 \div 5 =$ ☐
50. $72 \div 6 =$ ☐

Skills Practice 4

1. $2{,}783 \div 5 =$ _____	2. $\begin{array}{r} 1{,}002 \\ -\quad 99 \\ \hline \end{array}$	3. Solve the expression. Use Order of Operations $18 \div 2 + 4$
4. List the factors of: 9: _____ 33: _____	5. Use the distributive property to solve: $6 \times (12 + 8)$	6. Name the rule and list the next three terms in the pattern. 56, 67, 78, 89, 100 ...
7. Compare using <, >, or =. $\frac{4}{9}$ ____ $\frac{5}{10}$ $\frac{2}{3}$ ____ $\frac{1}{5}$	8. $\begin{array}{r} 583 \\ \times\ 421 \\ \hline \end{array}$	9. Solve: $67 - 0.2 =$ _____
10. Round the number to the nearest tenths. 123.454	11. Fill in the blanks. 72 inches = _____ feet 4 pounds = _____ ounces	12. $500{,}000 + 30{,}000 + 400$ $+20 + 7 =$ _____
13. What is the value of the underlined digit? 18.04	14. Find the area and perimeter. 20 ft 4 ft 	15. Susie used 0.75 cup of sugar in a batch of brownies. What fraction of a cup did she use?

Facts Practice 5: Multiplication

Directions: Set timer for 5 minutes.

7x3=	0x2=	1x6=	6x4=	9x4=
6x11=	10x2=	11x3=	11x8=	11x1=
8x10=	3x6=	3x0=	11x5=	11x11=
10x12=	10x10=	2x5=	6x5=	7x1=
8x1=	1x7=	3x1=	2x6=	8x5=
9x8=	5x0=	8x2=	1x0=	10x6=
2x6=	8x11=	6x1=	10x9=	6x11=
9x7=	12x7=	10x1=	6x0=	9x10=
9x4=	5x7=	5x4=	11x5=	4x9=
7x0=	5x6=	4x8=	1x1=	12x2=

Skills Practice 5

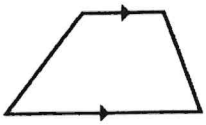
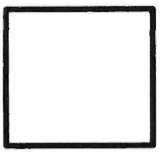
1. $\begin{array}{r} 59 \\ \times\ 8 \\ \hline \end{array}$	2. $\begin{array}{r} 123{,}192 \\ +\ \ 9{,}585 \\ \hline \end{array}$	3. Solve the expression. Use Order of Operations $9 \times (3-1)$
4. List the first 5 multiples of: **8:**_____ **9:**_____ **10:**_____	5. Use the distributive property to solve: $6 \times (11 + 5)$	6. Name the rule and list the next three terms in the pattern. 10, 20, 18, 36, 34...
7. Solve. $1 - \frac{1}{5} =$	8. 200×10	9. Solve: $783.4 + 46.374 =$ _____
10. What is the value of the underlined digit? $1{,}232.03\underline{4}$	11. Fill in the blanks. 2 miles = _____ feet 20 pints = _____ quarts	12. How much time has elapsed? 3:00 A.M. to 7:14 A.M.
13. 18×100	14. Find the area and perimeter. 12 in 4 in 	15. Willy has 1,850 crayons. Lucy has 739 crayons. How many more crayons does Willy have than Lucy?

Facts Practice 6: Division

Directions: Set timer for 5 minutes.

1. $6 \div 2 =$ ☐
2. $36 \div 9 =$ ☐
3. $81 \div 9 =$ ☐
4. $63 \div 9 =$ ☐
5. $30 \div 10 =$ ☐
6. $12 \div 12 =$ ☐
7. $27 \div 9 =$ ☐
8. $72 \div 12 =$ ☐
9. $27 \div 3 =$ ☐
10. $30 \div 6 =$ ☐
11. $64 \div 8 =$ ☐
12. $132 \div 12 =$ ☐
13. $36 \div 4 =$ ☐
14. $40 \div 5 =$ ☐
15. $7 \div 7 =$ ☐
16. $9 \div 9 =$ ☐
17. $9 \div 3 =$ ☐
18. $66 \div 11 =$ ☐
19. $96 \div 12 =$ ☐
20. $100 \div 10 =$ ☐
21. $6 \div 6 =$ ☐
22. $6 \div 3 =$ ☐
23. $15 \div 5 =$ ☐
24. $44 \div 11 =$ ☐
25. $35 \div 5 =$ ☐
26. $63 \div 7 =$ ☐
27. $15 \div 3 =$ ☐
28. $108 \div 12 =$ ☐
29. $5 \div 5 =$ ☐
30. $32 \div 8 =$ ☐
31. $108 \div 12 =$ ☐
32. $16 \div 4 =$ ☐
33. $90 \div 9 =$ ☐
34. $15 \div 5 =$ ☐
35. $12 \div 12 =$ ☐
36. $70 \div 7 =$ ☐
37. $9 \div 9 =$ ☐
38. $45 \div 9 =$ ☐
39. $1 \div 1 =$ ☐
40. $30 \div 10 =$ ☐
41. $96 \div 12 =$ ☐
42. $24 \div 3 =$ ☐
43. $121 \div 11 =$ ☐
44. $144 \div 12 =$ ☐
45. $8 \div 2 =$ ☐
46. $40 \div 10 =$ ☐
47. $72 \div 9 =$ ☐
48. $20 \div 10 =$ ☐
49. $36 \div 9 =$ ☐
50. $9 \div 9 =$ ☐

Skills Practice 6

1. $932 \div 3 =$ _____	2. 121,192 - 3,485	3. Solve the expression. Use Order of Operations $21 \div 3 + (3 \times 9)$
4. List the factors of: 12: _____ 30: _____	5. Use the distributive property to solve: $7 \times (9 + 9)$	6. Name the rule and list the next three terms in the pattern. 2, 4, 8, 16, 32...
7. Solve. $\frac{6}{10} + \frac{5}{10} =$	8. Write the number as tenths in fraction form and decimal form. $\frac{40}{100} =$	9. Solve: 18.237 - 15= _____
10. Classify in as many ways possible. 	11. Compare using <, >, or =. 12 cups _____ 4 pints 5 yards _____ 20 feet	12. Round to the nearest thousand place. 4,799 _____ 12,200 _____ 15,231_____
13. 24 x 1,000	14. Find the area and perimeter. 15 in 15 in 	15. On Monday, 395 students went on a trip to the zoo. All 9 buses were filled and 8 students had to travel in cars. How many students were in each bus ?

Facts Practice 7: Multiplication

Directions: Set timer for 5 minutes.

7x5=	0x4=	4x6=	8x2=	4x1=
12x5=	12x1=	8x2=	7x1=	1x9=
4x4=	11x1=	7x1=	1x3=	4x7=
8x10=	3x8=	3x8=	9x8=	2x3=
5x4=	10x9=	10x2=	5x10=	8x9=
10x11=	0x1=	7x7=	2x2=	4x11=
12x6=	5x11=	4x11=	10x1=	8x6=
8x7=	1x1=	8x4=	8x3=	7x5=
3x7=	2x10=	4x6=	1x4=	11x6=
6x10=	10x12=	12x5=	5x6=	5x7=

Skills Practice 7

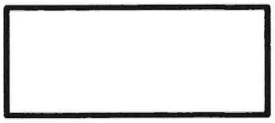
1. $\begin{array}{r} 527 \\ \times\ 14 \\ \hline \end{array}$	2. $\begin{array}{r} 338{,}289 \\ +\ \ 3{,}784 \\ \hline \end{array}$	3. Solve the expression. Use Order of Operations $36 \div 9 + 48 - 10 \div 2$
4. Prime or Composite? 9:_____ 33: _____	5. Use the distributive property to solve: $2 \times (3 + 10)$	6. Name the rule and list the next three terms in the pattern. 28, 20, 24, 16, 20...
7. Order from least to greatest. $\frac{3}{8}, \frac{1}{4}, \frac{1}{2}$	8. 120×40	9. Solve: $348.09 + 0.05 =$ _____
What is the value of the underlined digit? 10. $108{,}761{,}\underline{8}90$	11. Compare using <, >, or =. 2 tons_____ 4,000 pounds 3 quarts _____ 8 pints	12. How much time has elapsed? 7:20 A.M. to 9:49 A.M.
Round the number to the 13. nearest tens. 23,749	What is the value of the underlined digit? 14. $122.\underline{4}$	15. Ben and Michael are brothers. Ben is four times as old as Michael, and their combined ages is 25. How old is Ben?

Facts Practice 8: Division

Directions: Set timer for 5 minutes.

1. $55 \div 11 =$
2. $110 \div 11 =$
3. $35 \div 7 =$
4. $45 \div 5 =$
5. $40 \div 5 =$
6. $5 \div 5 =$
7. $96 \div 12 =$
8. $8 \div 2 =$
9. $121 \div 11 =$
10. $10 \div 2 =$
11. $110 \div 10 =$
12. $1 \div 1 =$
13. $54 \div 6 =$
14. $10 \div 1 =$
15. $40 \div 5 =$
16. $24 \div 3 =$
17. $3 \div 1 =$
18. $27 \div 3 =$
19. $7 \div 1 =$
20. $12 \div 2 =$
21. $35 \div 7 =$
22. $16 \div 4 =$
23. $70 \div 7 =$
24. $77 \div 7 =$
25. $24 \div 12 =$
26. $10 \div 2 =$
27. $11 \div 1 =$
28. $28 \div 7 =$
29. $4 \div 2 =$
30. $1 \div 1 =$
31. $44 \div 11 =$
32. $33 \div 11 =$
33. $6 \div 3 =$
34. $40 \div 4 =$
35. $35 \div 5 =$
36. $72 \div 12 =$
37. $50 \div 10 =$
38. $3 \div 1 =$
39. $36 \div 4 =$
40. $72 \div 6 =$
41. $80 \div 8 =$
42. $48 \div 8 =$
43. $99 \div 11 =$
44. $72 \div 6 =$
45. $14 \div 7 =$
46. $108 \div 12 =$
47. $60 \div 10 =$
48. $40 \div 4 =$
49. $8 \div 4 =$
50. $10 \div 5 =$

Skills Practice 8

1. $502 \div 5 =$ _____	2. 982,274 - 229,882	3. Solve the expression. Use Order of Operations $8 \times 3 + 70 \div 7 - 7$
4. Prime or Composite? 12:_____ 7: _____	5. Use the distributive property to solve: 3 x (8 + 4)	6. Name the rule and list the next three terms in the pattern. 1, 1, 2, 3, 5, 8, 13...
7. Write the mixed numbers as improper fractions. $4\frac{1}{3} =$ $7\frac{2}{10} =$	8. Write the fraction as a money amount. $\frac{4}{100} =$	9. Solve: 30 - 0.56 = _____
10. Round the number to the nearest whole number. 749.982	11. Fill in the blank. 2 cups = _____ fluid ounces 4 feet = _____ inches	12. The value of the 1 in 154,985 is _____
13. 223 x 331	14. Find the area and perimeter. 10 yd 2 yd 	15. Anna's dad is 36. He is 9 times as old as she is. How old is Anna?