

St. Thomas More School

Fifth Grade Supply List 2010-2011

Your child will need to bring the following supplies to school on the first day of school.

PLEASE LABEL EVERYTHING WITH YOUR CHILD'S NAME!

- (1) 3-ring pencil pouch
- (1) 8-count Crayola color markers (thin or thick tipped)
- (1) 24-count Crayola crayons
- (1) Highlighter
- (4) Book socks
- (1) Large pink pearl eraser
- (2) Kleenex brand box tissues (at least a 200-count box)
- (1) container of antibacterial wipes
- (1) roll of paper towels
- (1) pair of Fiskars Scissors
- (1) protractor
- (12) #2 school pencils
- (6) Elmer glue sticks
- (2) package 3 hole notebook paper (300 sheet pack-WIDE LINED)
- (7) 2 pocket folders *with* brads
- (2) *plastic* 2 pocket folders *with* brads (not paper folders)
- (12) blue or black ball point pens
- (2) 1 ½ inch 3 ring binder with pockets
(1 green binder and 1 blue binder)
- (1) good book for silent reading
- (4) Hardback marble composition books
(2 blue, 1 red, 1 yellow)
- (1) Package of 100 Lined 3x5 index cards
- (1) 10-count binder dividers
- (1) chair back pocket these can be found at The School Box and also online. <http://drosolinestore.com/items/Chairback-Buddy/list.htm>)

Students will need to replenish their supplies during the school year as needed.

In-coming 5th Grade Summer Reading Requirements

Required Reading:

Al Capone Does My Shirts by: Jennifer Choldenko

Additional Reading:

Read 3 more books. You may choose from the list suggested or choose a different book not on the list.

Activities:

The student will complete a book report in school when they return from summer break. The book report may be from the required reading or from another book they read over the summer.

St. Thomas More Catholic School
Summer Reading
2010-2011

Entering 5th Grade

The following list of books are merely suggestions. It is not mandatory that all books must be read. Books noted with a star are AR books. In addition to the required reading you must read 3 chapter books.

Required Reading: **Al Capone does my Shirts** by Jennifer Choldenko

Adventure:

George, Jean Craighead	On the Far Side of the Mountain*
Hobbs, Will	Jackie's Wild Seattle*
Gutman, Dan	Getting Air*
LaFevers, R. L.	Theodosia and the Serpents of Chaos*
McCaughrean, Geraldine	The Death-Defying Pepper Roux*
Paulsen, Gary	Hatchet *
Rollins, James	Jake Ransom and the Skull King's Shadow*
Smith, James D.	The Boys of San Joaquin *

General Fiction:

Bauer, Joan	Hope was here*
Behrens, Andy	The Fast and the Furriest
Creech, Sharon	Bloomability*
Graff, Lisa	Umbrella Summer*
Green, Tim	Football Hero*
Hannigan,, Katherine	Ida B and her Plans to Maximize Fun*
Hiassen, Carl	Scat*
Logsted, Greg	Alibi Junior High*
Scaletta, Kurtis	Mudville *
Winerip, Michael	Adam Canfield of the Slash*
Yee, Lisa	Millicent Min, Girl Genius*

Fantasy:

Appelbaum, Susannah	The Hollow Beetle (Poison of Caux)*
Bell, Hilari	Shield of Stars*
Bell, Ted	Nick of Time*
Barry/Pearson	Peter and the Starcatchers*
Barron, T. A.	The Lost Years of Merlin*
Boniface, William	Hero Revealed *
Jean, Mark & Christopher Carlson	Puddlejumpers*

Colfer, Eoin
DuPrau, Jeanne
Gutman, Dan
LaFevers, R. L.
Paratore, Coleen Murtagh
Sage, Angie
Sanderson, Brandon
St. John, Lauren
Stewart, Trenton

Artemis Fowl* (s)
The City of Ember* (s)
Satch & me: a baseball card Adventure*
Flight of the Phoenix *
A Pearl Among Princes*
Magyk* (s)
Alcatraz and the Evil Librarians*
Dolphin Song* (s)
The Mysterious Benedict Society* (s)

Historical Fiction:

Avi
Bloor, Edward
Choldenko, Jennifer
Curtis, Christopher Paul
Cushman, Karen
Holm, Jennifer L
Kelly, Jacqueline
Lawrence, Iain
Phelan, Matt
Philbrick, Rodman

Crispin: At the edge of the World*
London Calling *
Al Capone Shines My Shoes*
Elijah of Buxton*
Rodzina*
Turtle in Paradise*
The Evolution of Calpurnia Tate*
Gemini Summer*
The Storm in the Barn (Graphic)
The Mostly True Adventure of Homer P. Figg*

Other:

Abbott, Tony
Beil, Michael

Brockmeier, Kevin
Cody, Matthew
Danesharvi, Gitty
DeFelice, Cynthia
Lalicki, Tom
Moss, Marissa
Morton-Shaw Christine
Shearer, Alex
Suma, Nova Ren
Wallace, Rich

The Postcard *(2009 Edgar Award)
The Red Blazer Girls: Ring of
Rocamadur*
Grooves: a kind of a mystery*
Powerless*
School of Fear*
The Missing Manatee*
Danger in the Dark: a Harry Houdini Mystery
Pharaoh's Secret*
The Hunt for the Seventh*
Canned*
Dani Noir*
Second-String Center*

We will be having AR testing on Wednesdays from 9:00-12:30. Check the STM website for the dates we will be here!

Dear Parents,

Enclosed you will find a set of Math pages.

We ask that you put them in a safe place for the summer. About 2-3 weeks before school begins, please get them out and have your child work on them a little at a time.

These Math pages will give your child a review of basic Math skills learned in 4th Grade and will help him/her to come to school "refreshed" and ready to begin new concepts in

5th Grade !!!!!


Please have your child bring the completed sheets to school on the first day.

In the meantime, please have a safe and happy summer!!!!

May God Bless You,

Miss Summers and Mrs. Wiseman

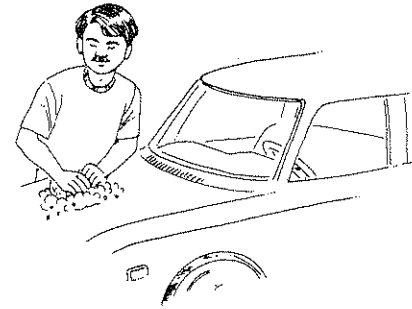
..... IT'S ADDING UP AT THE CAR WASH

 Find the sum.

$$\begin{array}{r} 1. \quad 348 \\ + 236 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 374 \\ + 561 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 733 \\ + 548 \\ \hline \end{array}$$



$$\begin{array}{r} 4. \quad 895 \\ + 364 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 584 \\ + 263 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 475 \\ + 650 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad \$2.33 \\ + 3.78 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad \$2.54 \\ + 1.30 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad \$7.75 \\ + 6.80 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad \$2.45 \\ + 9.32 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 325 \\ \quad 406 \\ + 171 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 450 \\ \quad 337 \\ + 579 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 2,537 \\ \quad 624 \\ + 769 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 6,904 \\ \quad 137 \\ + 3,264 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 98 \\ \quad 346 \\ \quad 297 \\ + 16 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad \$5.68 \\ \quad 3.27 \\ \quad 1.41 \\ + 0.84 \\ \hline \end{array}$$

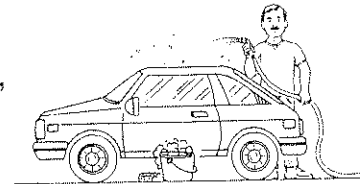
$$\begin{array}{r} 17. \quad \$9.83 \\ \quad 37.64 \\ \quad 8.39 \\ + 1.72 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad \$0.98 \\ \quad 3.46 \\ \quad 2.97 \\ + 0.49 \\ \hline \end{array}$$

Real World Connection

Write the number sentence and solve.

19. Marc spent \$3.89 for car wax, \$1.55 for a sponge, and \$2.19 for window cleaner. How much money did he spend?



..... A FAIR DIFFERENCE



Find the difference.

$$\begin{array}{r} 1. \quad 517 \\ - 292 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 789 \\ - 294 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 793 \\ - 189 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad \$8.37 \\ - 1.57 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad \$6.35 \\ - 2.27 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad \$7.26 \\ - 1.58 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 4,731 \\ - 1,545 \\ \hline \end{array}$$

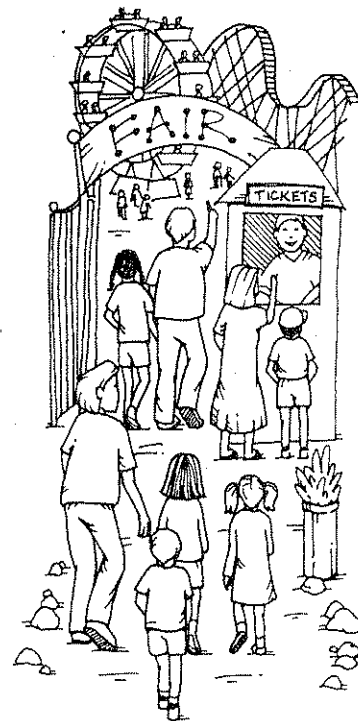
$$\begin{array}{r} 8. \quad 5,789 \\ - 1,861 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 9,632 \\ - 5,768 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 2,739 \\ - 1,985 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 6,744 \\ - 1,375 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 5,837 \\ - 2,678 \\ \hline \end{array}$$



$$13. \quad 806 - 257 = \underline{\quad}$$

$$14. \quad 912 - 88 = \underline{\quad}$$

$$15. \quad \$6.34 - \$5.58 = \underline{\quad}$$

$$16. \quad \$9.53 - \$6.59 = \underline{\quad}$$

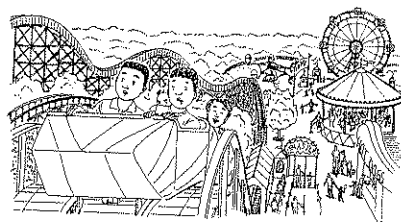
$$17. \quad 8,549 - 7,234 = \underline{\quad}$$

$$18. \quad 4,960 - 3,879 = \underline{\quad}$$

Real World Connection

Write the number sentence and solve.

19. On Saturday, 5,256 people rode the roller coaster. On Sunday, 4,937 people rode the roller coaster. How many more people rode the roller coaster on Saturday?
- _____



MULTIPLICATION FACTS

SPEED TEST (0-12)

NAME _____

DATE _____

SCORE _____

(100 Facts)

$0 \times 5 =$

$6 \times 10 =$

$4 \times 12 =$

$8 \times 11 =$

$3 \times 9 =$

$1 \times 2 =$

$9 \times 4 =$

$2 \times 11 =$

$4 \times 6 =$

$4 \times 11 =$

$3 \times 6 =$

$4 \times 8 =$

$1 \times 12 =$

$6 \times 8 =$

$1 \times 8 =$

$9 \times 6 =$

$5 \times 8 =$

$3 \times 11 =$

$11 \times 11 =$

$6 \times 6 =$

$6 \times 9 =$

$3 \times 5 =$

$6 \times 7 =$

$5 \times 5 =$

$1 \times 1 =$

$7 \times 9 =$

$7 \times 4 =$

$9 \times 5 =$

$7 \times 8 =$

$0 \times 10 =$

$8 \times 1 =$

$3 \times 8 =$

$8 \times 9 =$

$7 \times 10 =$

$2 \times 2 =$

$7 \times 12 =$

$4 \times 7 =$

$3 \times 4 =$

$5 \times 4 =$

$6 \times 5 =$

$0 \times 11 =$

$8 \times 12 =$

$3 \times 3 =$

$4 \times 9 =$

$3 \times 10 =$

$5 \times 2 =$

$2 \times 10 =$

$3 \times 2 =$

$2 \times 8 =$

$10 \times 11 =$

$6 \times 3 =$

$8 \times 10 =$

$5 \times 1 =$

$4 \times 10 =$

$8 \times 12 =$

$1 \times 11 =$

$5 \times 10 =$

$0 \times 8 =$

$5 \times 11 =$

$7 \times 2 =$

$6 \times 4 =$

$2 \times 7 =$

$5 \times 3 =$

$9 \times 8 =$

$7 \times 11 =$

$1 \times 9 =$

$9 \times 11 =$

$1 \times 10 =$

$7 \times 3 =$

$9 \times 12 =$

$8 \times 6 =$

$3 \times 12 =$

$5 \times 6 =$

$4 \times 2 =$

$8 \times 8 =$

$7 \times 7 =$

$5 \times 12 =$

$6 \times 2 =$

$2 \times 12 =$

$8 \times 7 =$

$2 \times 9 =$

$8 \times 5 =$

$6 \times 1 =$

$0 \times 12 =$

$7 \times 6 =$

$4 \times 3 =$

$4 \times 4 =$

$12 \times 11 =$

$4 \times 5 =$

$5 \times 7 =$

$7 \times 5 =$

$6 \times 11 =$

$8 \times 3 =$

$3 \times 7 =$

$2 \times 10 =$

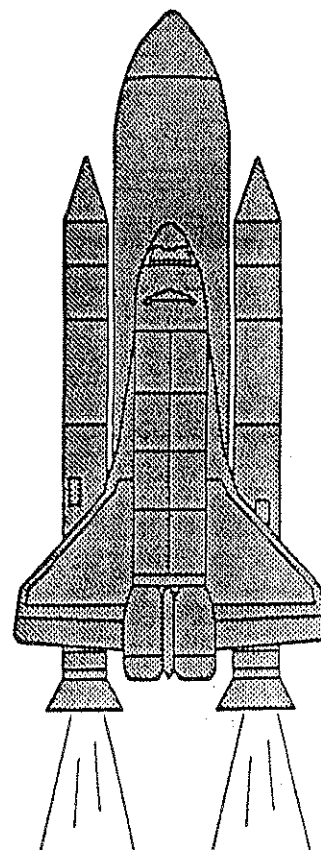
$10 \times 10 =$

$1 \times 5 =$

$5 \times 9 =$

$6 \times 12 =$

$8 \times 4 =$

*Movin' on*

Multiplying Three-Digit Numbers

Multiply by the ones and then the tens. Add.

Step 1

$$\begin{array}{r} 358 \\ \times 47 \\ \hline 2506 \end{array} \leftarrow 7 \times 358$$

Step 2

$$\begin{array}{r} 358 \\ \times 47 \\ \hline 2506 \\ 14320 \end{array} \leftarrow 40 \times 358$$

Step 3

$$\begin{array}{r} 358 \\ \times 47 \\ \hline 2506 \\ 14320 \\ \hline 16,826 \end{array}$$

Practice • Multiply.

1. $\begin{array}{r} 345 \\ \times 12 \\ \hline \end{array}$

2. $\begin{array}{r} 342 \\ \times 68 \\ \hline \end{array}$

3. $\begin{array}{r} 164 \\ \times 53 \\ \hline \end{array}$

4. $\begin{array}{r} 304 \\ \times 82 \\ \hline \end{array}$

5. $\begin{array}{r} 256 \\ \times 24 \\ \hline \end{array}$

6. $\begin{array}{r} 872 \\ \times 76 \\ \hline \end{array}$

7. $\begin{array}{r} 163 \\ \times 27 \\ \hline \end{array}$

8. $\begin{array}{r} 509 \\ \times 37 \\ \hline \end{array}$

9. $\begin{array}{r} 548 \\ \times 93 \\ \hline \end{array}$

10. $\begin{array}{r} 657 \\ \times 89 \\ \hline \end{array}$

Mixed Practice • Multiply.

11. $\begin{array}{r} 709 \\ \times 81 \\ \hline \end{array}$

12. $\begin{array}{r} 496 \\ \times 21 \\ \hline \end{array}$

13. $\begin{array}{r} 726 \\ \times 79 \\ \hline \end{array}$

14. $\begin{array}{r} 932 \\ \times 98 \\ \hline \end{array}$

15. $\begin{array}{r} 350 \\ \times 73 \\ \hline \end{array}$

16. $\begin{array}{r} 589 \\ \times 62 \\ \hline \end{array}$

17. $\begin{array}{r} 376 \\ \times 43 \\ \hline \end{array}$

18. $\begin{array}{r} 948 \\ \times 37 \\ \hline \end{array}$

19. $\begin{array}{r} 843 \\ \times 79 \\ \hline \end{array}$

20. $\begin{array}{r} 328 \\ \times 17 \\ \hline \end{array}$

Division Facts Drill

Divide.

1. $8 \overline{)32}$

2. $7 \overline{)42}$

3. $9 \overline{)9}$

4. $6 \overline{)12}$

5. $5 \overline{)45}$

6. $9 \overline{)54}$

7. $9 \overline{)63}$

8. $6 \overline{)18}$

9. $1 \overline{)5}$

10. $4 \overline{)36}$

11. $9 \overline{)72}$

12. $5 \overline{)25}$

13. $5 \overline{)35}$

14. $3 \overline{)6}$

15. $7 \overline{)14}$

16. $9 \overline{)18}$

17. $4 \overline{)24}$

18. $8 \overline{)64}$

19. $6 \overline{)30}$

20. $3 \overline{)9}$

21. $4 \overline{)20}$

22. $2 \overline{)6}$

23. $7 \overline{)56}$

24. $4 \overline{)28}$

25. $4 \overline{)4}$

26. $9 \overline{)45}$

27. $7 \overline{)49}$

28. $8 \overline{)16}$

29. $3 \overline{)18}$

30. $8 \overline{)24}$

31. $1 \overline{)7}$

32. $3 \overline{)12}$

33. $6 \overline{)54}$

34. $7 \overline{)35}$

35. $5 \overline{)15}$

36. $2 \overline{)10}$

37. $8 \overline{)40}$

38. $4 \overline{)16}$

39. $5 \overline{)20}$

40. $2 \overline{)14}$

41. $7 \overline{)7}$

42. $6 \overline{)24}$

43. $5 \overline{)5}$

44. $8 \overline{)72}$

45. $4 \overline{)8}$

46. $9 \overline{)36}$

47. $6 \overline{)48}$

48. $3 \overline{)15}$

49. $7 \overline{)28}$

50. $3 \overline{)27}$

51. $6 \overline{)36}$

52. $3 \overline{)24}$

53. $8 \overline{)8}$

54. $5 \overline{)30}$

55. $4 \overline{)32}$

56. $9 \overline{)81}$

57. $2 \overline{)8}$

58. $7 \overline{)63}$

59. $1 \overline{)9}$

60. $6 \overline{)6}$

61. $9 \overline{)27}$

62. $2 \overline{)12}$

63. $8 \overline{)56}$

64. $5 \overline{)10}$

65. $4 \overline{)12}$

66. $2 \overline{)16}$

67. $6 \overline{)42}$

68. $1 \overline{)8}$

69. $7 \overline{)21}$

70. $5 \overline{)40}$

71. $8 \overline{)48}$

72. $3 \overline{)3}$

Divide the tens. Regroup. Then divide the ones.

Step 1

$$\begin{array}{r} 2 \\ 3 \overline{)86} \\ -6 \\ \hline 2 \end{array}$$

The answer must be less than the divisor 3.

Step 2

$$\begin{array}{r} 2 \\ 3 \overline{)86} \\ -6 \downarrow \\ \hline 26 \end{array}$$

Step 3

$$\begin{array}{r} 28 \text{ r}2 \\ 3 \overline{)86} \\ -6 \\ \hline 26 \\ -24 \\ \hline 2 \end{array}$$

Is the remainder less than the divisor?

Practice • Divide.

1. $5 \overline{)76}$

2. $3 \overline{)97}$

3. $2 \overline{)53}$

4. $6 \overline{)84}$

5. $7 \overline{)92}$

6. $4 \overline{)73}$

7. $6 \overline{)85}$

8. $5 \overline{)67}$

9. $2 \overline{)58}$

10. $4 \overline{)75}$

3-Digit Quotients

Find the quotients and remainders.

1. $5 \overline{)712}$

2. $2 \overline{)586}$

3. $7 \overline{)822}$

4. $4 \overline{)915}$

5. $3 \overline{)858}$

6. $6 \overline{)733}$

7. $5 \overline{)846}$

8. $9 \overline{)999}$

Cloud Crazy

Add or subtract.

A.

$$\begin{array}{r} \frac{3}{5} \\ + \frac{1}{5} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{1}{8} \\ + \frac{4}{8} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{1}{4} \\ + \frac{2}{4} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{5}{8} \\ - \frac{3}{8} \\ \hline \end{array}$$

B.

$$\begin{array}{r} \frac{7}{8} \\ - \frac{3}{8} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{2}{9} \\ + \frac{5}{9} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{3}{4} \\ - \frac{1}{4} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{1}{12} \\ + \frac{3}{12} \\ \hline \end{array}$$

C.

$$\begin{array}{r} \frac{7}{12} \\ - \frac{1}{12} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{3}{8} \\ + \frac{5}{8} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{5}{9} \\ + \frac{1}{9} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{2}{3} \\ - \frac{1}{3} \\ \hline \end{array}$$

..... RAKING UP FRACTIONS



Find the sum or difference. Write the answer in simplest form.

$$1. \quad 4 \frac{3}{4} \\ + 2 \frac{1}{8}$$

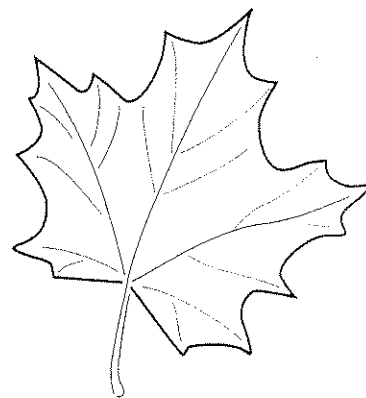
$$2. \quad 2 \frac{1}{3} \\ - 1 \frac{2}{3}$$

$$3. \quad 6 \frac{3}{8} \\ + 1 \frac{1}{4}$$

$$4. \quad 4 \frac{1}{4} \\ - 2 \frac{3}{4}$$

$$5. \quad 3 \frac{4}{9} \\ - 1 \frac{8}{9}$$

$$6. \quad 2 \frac{1}{4} \\ + 2 \frac{3}{4}$$



$$7. \quad 3 \frac{3}{5} \\ - \frac{4}{5}$$

$$8. \quad 6 \frac{1}{4} \\ + 2 \frac{1}{8}$$

$$9. \quad 5 \frac{1}{3} \\ + 1 \frac{1}{6}$$

$$10. \quad 8 \\ - 3 \frac{1}{8}$$

$$11. \quad 3 \frac{3}{4} \\ + 1 \frac{1}{8}$$

$$12. \quad 5 \frac{6}{11} \\ - 2 \frac{9}{11}$$

$$13. \quad 3 \frac{3}{4} \\ + 2 \frac{3}{4}$$

$$14. \quad 3 \frac{7}{8} \\ + 2 \frac{1}{8}$$

$$15. \quad 7 \frac{1}{5} \\ - 3 \frac{4}{5}$$

$$16. \quad 6 \frac{1}{3} \\ - 1 \frac{2}{3}$$

Real World Connection

Write the number sentence and solve.

17. Susan raked $2 \frac{3}{4}$ bags of leaves. Jay raked $2 \frac{1}{4}$ bags of leaves. How many bags of leaves did they rake in all?
- _____



Name: _____

Decimals – Addition

Directions: Complete the following problems and show your work.

1.
$$\begin{array}{r} 164.00 \\ + 4.73 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 655.00 \\ + 1.53 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 360.00 \\ + 1.55 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 62.20 \\ + 55.10 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 9.37 \\ + 318.00 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 239.00 \\ + 9.91 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 7.28 \\ + 157.00 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 73.40 \\ + 80.80 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 173.00 \\ + 6.45 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 138.00 \\ + 8.13 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 410.00 \\ + 4.16 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 78.40 \\ + 53.30 \\ \hline \end{array}$$

Accelerated Arithmetic

Name: _____

$$\begin{array}{r} 60.40 \\ -58.95 \\ \hline \end{array}$$

$$\begin{array}{r} 30.76 \\ -20.16 \\ \hline \end{array}$$

$$\begin{array}{r} 85.73 \\ -29.04 \\ \hline \end{array}$$

$$\begin{array}{r} 66.31 \\ -37.70 \\ \hline \end{array}$$

$$\begin{array}{r} 27.05 \\ -16.68 \\ \hline \end{array}$$

$$\begin{array}{r} 61.50 \\ -44.74 \\ \hline \end{array}$$

$$\begin{array}{r} 26.75 \\ -20.84 \\ \hline \end{array}$$

$$\begin{array}{r} 43.88 \\ -32.44 \\ \hline \end{array}$$

$$\begin{array}{r} 92.44 \\ -67.70 \\ \hline \end{array}$$

$$\begin{array}{r} 60.89 \\ -35.97 \\ \hline \end{array}$$

$$\begin{array}{r} 66.50 \\ -66.97 \\ \hline \end{array}$$

$$\begin{array}{r} 45.18 \\ -40.13 \\ \hline \end{array}$$

$$\begin{array}{r} 31.56 \\ -19.94 \\ \hline \end{array}$$

$$\begin{array}{r} 64.10 \\ -30.78 \\ \hline \end{array}$$

$$\begin{array}{r} 35.06 \\ -34.80 \\ \hline \end{array}$$

$$\begin{array}{r} 50.29 \\ -26.53 \\ \hline \end{array}$$

$$\begin{array}{r} 49.48 \\ -27.34 \\ \hline \end{array}$$

$$\begin{array}{r} 71.11 \\ -28.74 \\ \hline \end{array}$$

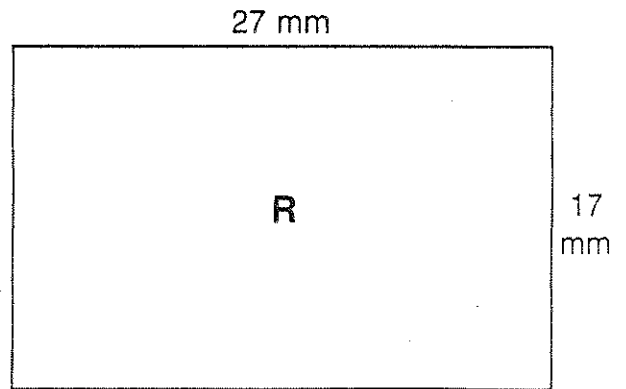
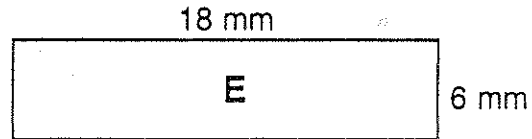
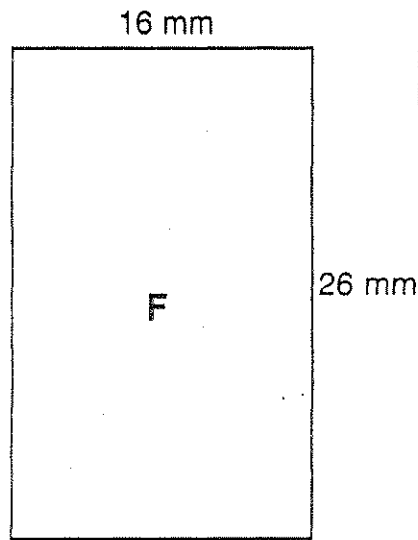
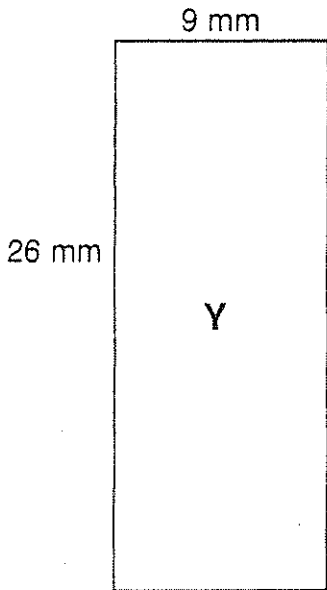
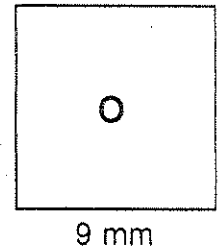
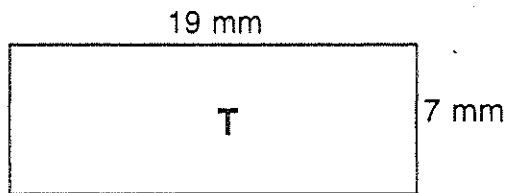
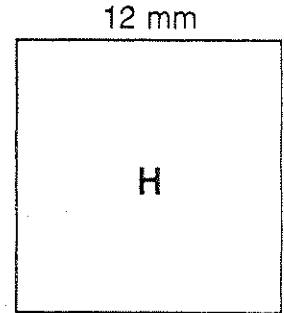
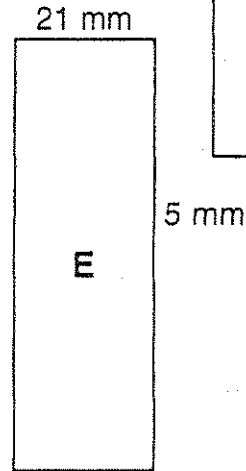
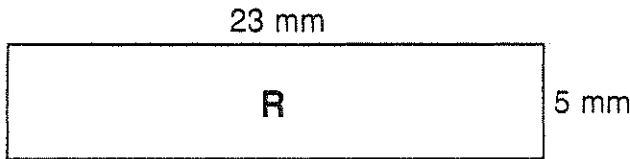
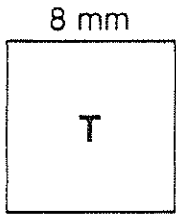
$$\begin{array}{r} 27.36 \\ -12.51 \\ \hline \end{array}$$

$$\begin{array}{r} 79.13 \\ -76.54 \\ \hline \end{array}$$

Amazing Muscles

It takes 17 muscles to smile. How many muscles does it take to frown?

To find out, find the areas at the bottom of the page.
Write the letter that represents each problem above its answer.



416 mm² 81 mm² 459 mm² 64 mm² 234 mm²

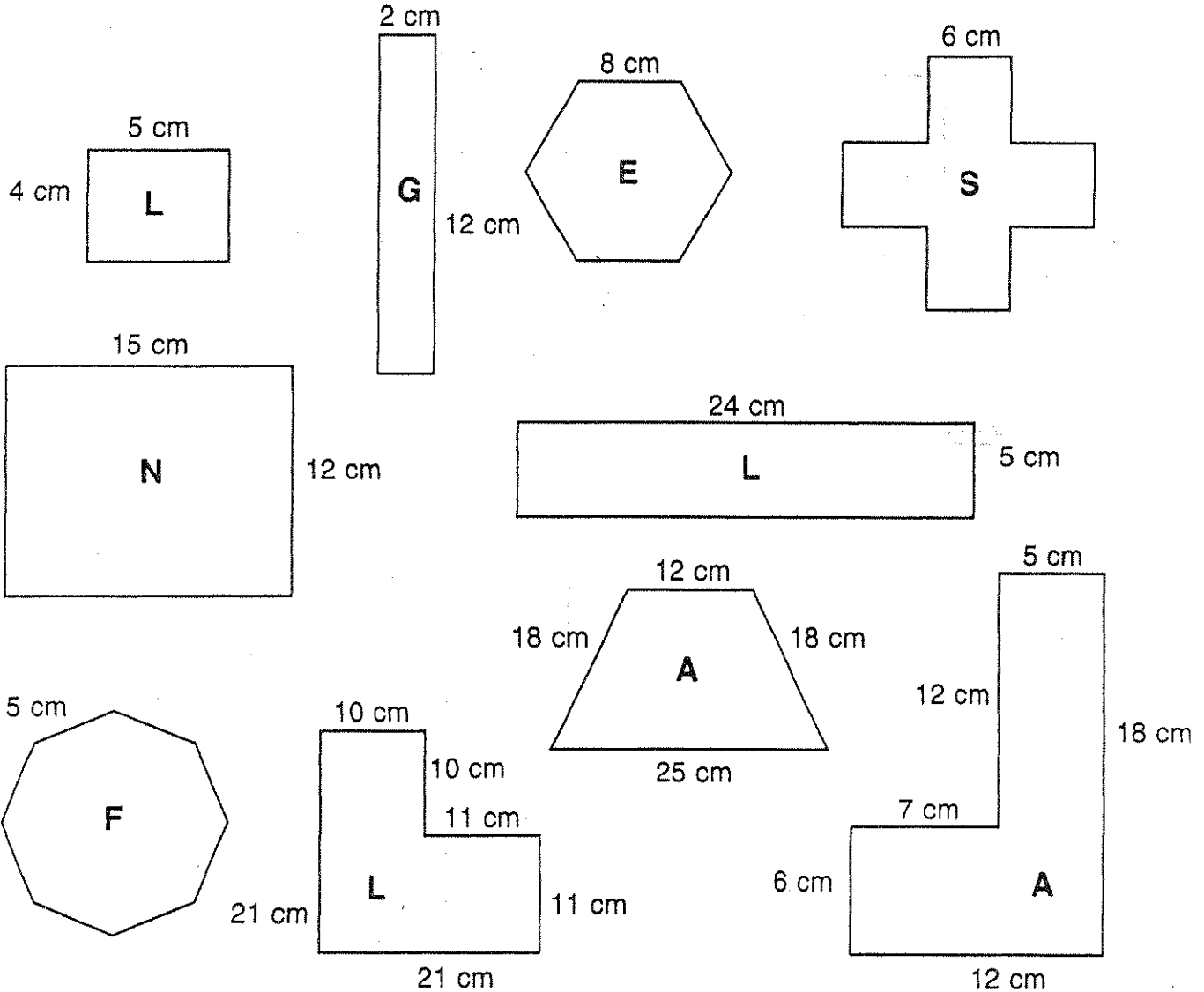
133 mm² 144 mm² 115 mm² 108 mm² 105 mm²

Perimeter Problems

What is the highest waterfall in the world?

To find out, find the perimeter of each figure below at the bottom of the page. Write the letter that represents each problem above its answer.

Remember: Perimeter is equal to the sum of the sides of a figure.



73 cm 54 cm 28 cm 48 cm 84 cm

40 cm 60 cm 18 cm 58 cm 72 cm