May 2018

Dear StJPII Parents,

Each summer the school requires students to continue to read and practice their math skills, so that knowledge is not lost over the summer. Research has proven that 15-20 minutes of reading each day increases the amount of vocabulary a child learns, which in turn increases comprehension, all resulting in higher academic performance. By reading and reviewing math skills over the summer, teachers spend less time in the fall having to review.

Summer reading consists of two required books and related assignments. The reading assignments will be collected in August when school starts, and teachers will discuss the summer reading in class.

Summer math consists of math pages reviewing skills in preparation for the next school year to be collected in August. In addition, we have provided specific objectives which students in each grade level should practice using IXL software. While there is not a set amount of IXL practice required, the goal is to be proficient in the objectives or skills listed by August to help them have a successful start of the school year.

In Him we Trust,

Rebecca Bogard

Rebecca Bogard, M.Ed.
Principal

SUMMER READING PROGRAM 2018-2019
St. John Paul II Catholic School

Summer reading is an important part of the educational growth of boys and girls. This reading should include pleasure reading and some materials that challenge students as well. Along with required books per grade level listed below, there are activity sheets that accompany these books. Please look for additional links on our website for Reading and Math activities. Required reading books are to be read at any time during the summer. A brief revisit to these books would be in order just before school starts as teachers use these books as the lesson material for the first few weeks of school. It is highly recommended that students have their own copy of the required books for this purpose.

For students who may wish to read more; many other popular books can be found at the HAISLN (Houston Area Independent School Library Network) list as well as others such as Caldecott and Newbery award winners that are available as links on the library resource page of the St. John Paul II Catholic School Website. Encourage your students and take the time to rediscover as a family, favorite childhood books. Additionally, many of the public libraries offer summer activities for all age readers as well. Look on the Library Resources Link on the Library Page for more ideas, activities, tips and hints and much more. Enjoy this valuable time reading with your child. Read every day! Happy Reading ~ Ms. Lamb

Students entering Pre-K in Fall of 2018 ~ Required read or read along with your child books
The Kissing Hand by Audrey Penn
Chicka Chicka Boom Boom by Bill Martin Jr.

Students entering Kindergarten in Fall of 2018~ Required read or read along with your child books.
Caps for Sale by Esphyr Slobodkina
The Very Hungry Caterpillar by Eric Carl

Students entering 1st Grade in Fall of 2018~ Required read or read along with your child books
Chrysanthemum by Kevin Henkes
If you give a mouse a cookie by Laura Numeroff

Students entering 2nd Grade in Fall of 2018~ Required 2 books
Magic Tree House No. 1 - Dinosaurs Before Dark by Mary Pope Osborne
Amazing Snakes by Sarah L Thomson

Students entering 3rd Grade in Fall of 2018 ~ Required 2 books
Any one of the "Who WAS…" Biographies by Grosset and Dunlap
Frecklejuice by Judy Blume

Students entering 4th Grade in Fall of 2018 Required 2 books
Tales of a Fourth Grade Nothing by Judy Blume
Charlie and the Chocolate Factory by Roald Dahl

Students entering 5th Grade in Fall of 2018~ Required 2 books
Flora and Ulysses by Kate DiCamillo
Frindle by Andrew Clements

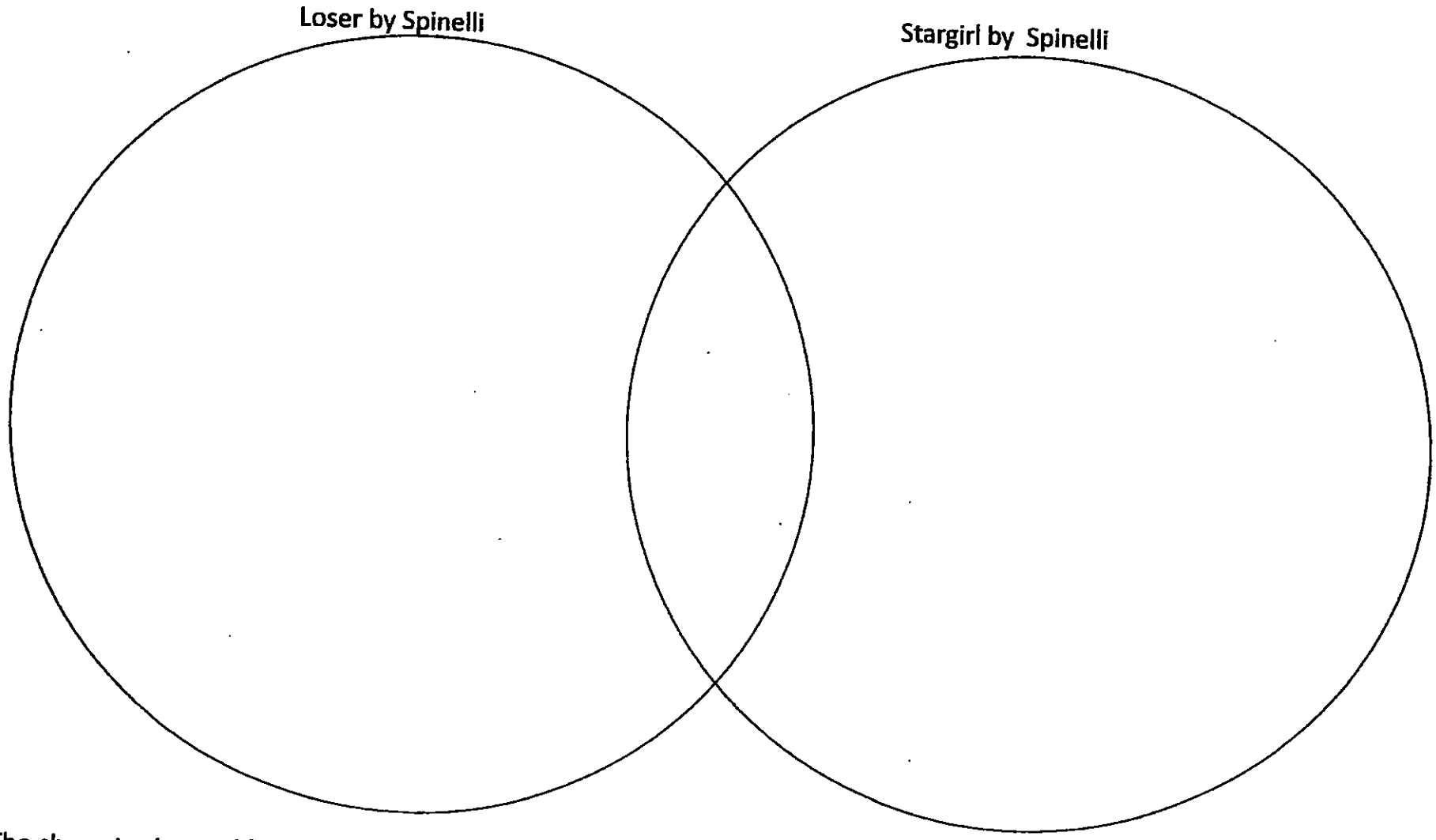
Students entering 6th Grade in Fall of 2018~ Required 2 books
Star Girl by Jerry Spinelli
Loser by Jerry Spinelli

Students entering 7th Grade in Fall of 2018~ Required 2 books
Wonder by R J Palacio
PLUS any ONE of the following:
Dark Water Rising by Marian Hale
Come Juneteenth by Ann Rinaldi
The adventurous Deeds of Deadwood Jones by Helen Hemphill

Students entering 8th Grade in Fall of 2018 Required 2 books below
Ingri and Parin D'Aulaire's Book of Greek Myths
PLUS any ONE of the following
My Brother Sam is Dead by Collier and Collier
Cast Two Shadows by Ann Rinaldi
A Ride into Morning by Ann Rinaldi
April Morning by Howard Fast
Finishing Becca by Ann Rinaldi

6th Grade Summer Required Reading Project **Student Name**_____

Use diagrams below to compare and contrast characteristics of story elements in both novels.



The character I most identify with is_____

Explain why_____

_____

_____

(Use back if needed)

Name _____

Fill in the bubble for the correct answer.

1. Xiu used the Distributive Property to find the product 3×0.74. Which expression did Xiu write?

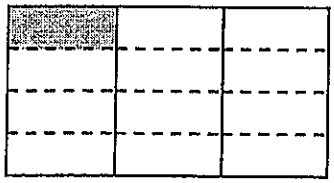
Ⓐ $(3 \times 0.07) + (3 \times 0.04)$

Ⓑ $(3 \times 0.7) + (3 \times 0.04)$

Ⓒ $(3 \times 1) + (3 \times 0.74)$

Ⓓ $(3 \times 7) + (3 \times 4)$

2. Chris drew a model to represent a problem. Which division expression does his model represent?



Ⓐ $\frac{1}{3} \div 4$

Ⓑ $\frac{1}{12} \div 4$

Ⓒ $1 \div \frac{1}{3}$

Ⓓ $\frac{1}{3} \div 2$

3. Wendy's puppy weighs 5.273 ounces. What is 5.273 rounded to the nearest tenth?

Ⓐ 5.28

Ⓑ 5.26

Ⓒ 5.2

Ⓓ 5.3

4. Which statement about a coordinate grid is true?

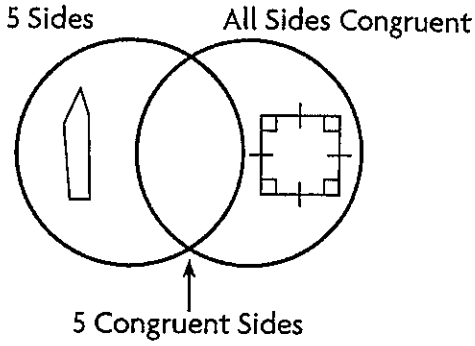
Ⓐ The vertical number line is the *x*-axis.

Ⓑ The horizontal number line is the *y*-axis.

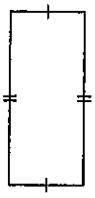
Ⓒ The *x*-axis and *y*-axis intersect at the origin.

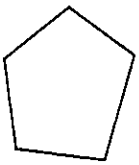
Ⓓ The origin is located at the point (1, 1).

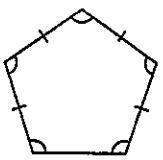
5. Erin drew a Venn diagram to classify different kinds of polygons.

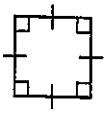


Which figure belongs in the section of the Venn diagram labeled "5 Congruent Sides"?

Ⓐ 

Ⓒ 

Ⓑ 

Ⓓ 

GO ON

Name _____

6. A food vendor interviews visitors at a state fair. He records the time they spent at the fair and the amount of money they spent on food. He wants to display the information on a scatter plot.

Spending at the State Fair						
Amount of Time (hr)	1	4	3	1	2	3
Amount of Money ($)	15	96	58	18	30	52

Which ordered pair would **NOT** be plotted on a scatter plot of the data?

Ⓐ (4, 96) Ⓒ (2, 30)

Ⓑ (1, 18) Ⓓ (3, 55)

7. Each month, Annie earns $56 tutoring and receives an allowance totaling $20. Her expenses each month are $88. How much more does Annie need to earn to balance her budget?

Ⓐ $24 Ⓑ $76 Ⓒ $12 Ⓓ $40

8. Paul's parakeet weighs 45 grams. How many dekagrams does the parakeet weigh?

Ⓐ 4.5 dekagrams

Ⓑ 450 dekagrams

Ⓒ 0.45 dekagrams

Ⓓ 45 dekagrams

9. The table uses the rule $u = v + 5$.

Input	v	1	2	3	4
Output	u	■	■	■	■

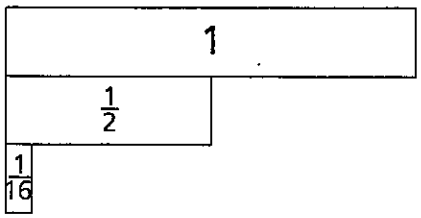
Which set of numbers correctly completes the output values in the table?

Ⓐ 5, 10, 15, 20 Ⓒ 8, 9, 10, 11

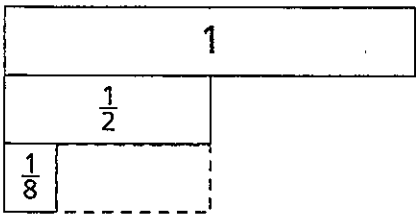
Ⓑ 4, 3, 2, 1 Ⓓ 6, 7, 8, 9

10. Jen subtracts $\frac{1}{8}$ from $\frac{1}{2}$. Which model could she use to help find the difference?

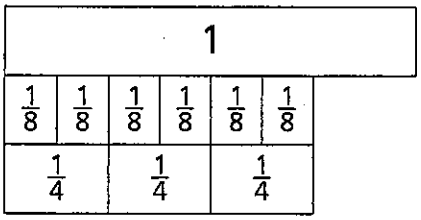
Ⓐ



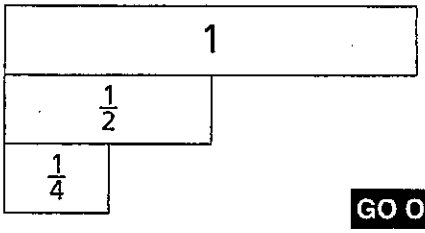
Ⓑ



Ⓒ



Ⓓ



GO ON

Name _____

11. A dime has a mass of about 0.002 kilograms. What is the value of 2 in 0.002?

Ⓐ 2 thousandths

Ⓑ 2 hundredths

Ⓒ 2 tenths

Ⓓ 2 hundreds

12. Ms. Campbell asked students to vote on their favorite type of movie. She made a frequency table of the data.

Favorite Type of Movie

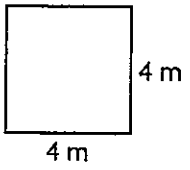
Type of Movie	Frequency
Adventure	15
Comedy	11
Documentary	4
Animated	7
Science Fiction	18

How many more students voted for Science Fiction and Animated than for Comedy and Documentary?

Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.

			.		
⓪	⓪	⓪		⓪	⓪
①	①	①		①	①
②	②	②		②	②
③	③	③		③	③
④	④	④		④	④
⑤	⑤	⑤		⑤	⑤
⑥	⑥	⑥		⑥	⑥
⑦	⑦	⑦		⑦	⑦
⑧	⑧	⑧		⑧	⑧
⑨	⑨	⑨		⑨	⑨

13. What is the perimeter of the square?



Ⓐ 16 meters

Ⓑ 32 meters

Ⓒ 8 meters

Ⓓ 12 meters

14. Greg built a rectangular prism with inch cubes. He used 12 inch cubes to make the bottom layer. If the prism was built with a total of 72 cubes, how many layers does Greg's prism have?

Ⓐ 40

Ⓑ 60

Ⓒ 4

Ⓓ 6

15. Ms. Green had a starting balance of $593.27 in her bank account. How much money does Ms. Green have left after she spends $81.75 of the money in her account?

Ⓐ $675.02

Ⓑ $502.72

Ⓒ $511.52

Ⓓ $312.48

GO ON

16. Four friends share $\frac{1}{4}$ of a bag of baby carrots. What fraction of the bag of carrots will each person get?

Ⓐ $\frac{1}{16}$ Ⓒ $\frac{1}{7}$

Ⓑ $\frac{3}{4}$ Ⓓ $\frac{1}{12}$

17. Which correctly compares the decimals 4.279 and 4.28?

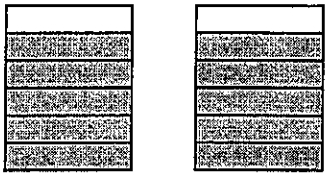
Ⓐ $4.279 > 4.28$

Ⓑ $4.28 < 4.279$

Ⓒ $4.28 > 4.279$

Ⓓ $4.28 = 4.279$

18. Dean draws a model to help him multiply a whole number and a fraction. Which multiplication expression does his model represent?



Ⓐ $6 \times \frac{2}{5}$

Ⓑ $2 \times \frac{10}{6}$

Ⓒ $2 \times \frac{5}{6}$

Ⓓ $2 \times \frac{1}{5}$

19. Maria buys 4 sheets of 10 stamps each and 5 sheets of 8 stamps each. She uses 34 of the stamps on envelopes.

Which equation shows how to find s, the number of stamps Maria has left?

Ⓐ $4 + 10 \times 5 + 8 + 34 = s$

Ⓑ $4 \times 10 + 5 \times 8 - 34 = s$

Ⓒ $4 + 10 \times 5 + 8 - 34 = s$

Ⓓ $4 \times 10 + 5 \times 8 + 34 = s$

20. The rule for the pattern in the table is $b = l + 3$, where b is the output, the number of bonus points, and l is the input, the level of the game.

Game Level, l	1	2	3	4
Number of Bonus Points, b	4	5	6	7

Carolyn graphs the data from the table. Which ordered pair represents the point showing the number of bonus points awarded at Level 4?

Ⓐ (2, 10)

Ⓑ (7, 7)

Ⓒ (4, 1)

Ⓓ (4, 7)

GO ON

21. What is the value of the expression?

$16 \div [(13 + 7) - (12 + 4)]$

Ⓐ 4 Ⓒ 2

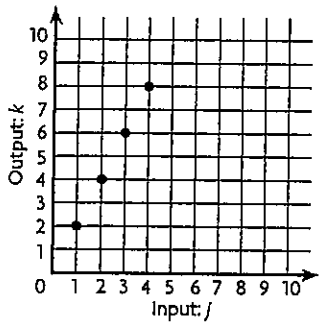
Ⓑ 28 Ⓓ 16

22. Which is the best estimate of 2.8×1.2?

Ⓐ 1 Ⓒ 30

Ⓑ 3 Ⓓ 7

23. Which rule describes the pattern in the graph?



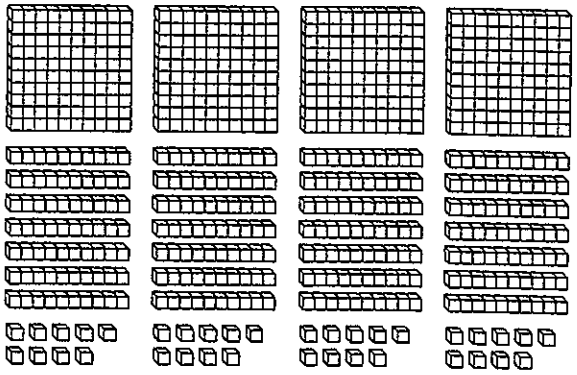
Ⓐ $j = k + 2$

Ⓑ $k = j + 2$

Ⓒ $k = 2j$

Ⓓ $j = 2k$

24. Wes has a length of hose that is 7.16 meters long. He cuts the hose into 4 equal pieces.



How long is each piece of hose?

Ⓐ 3.16 meters

Ⓑ 4.97 meters

Ⓒ 1.79 meters

Ⓓ 1.37 meters

25. Gina has 7 cups of apple juice. She uses $\frac{1}{4}$ cup of apple juice in each serving of fruit punch. How many servings of punch can Gina make with the apple juice?

Ⓐ 3

Ⓑ 28

Ⓒ 11

Ⓓ 16

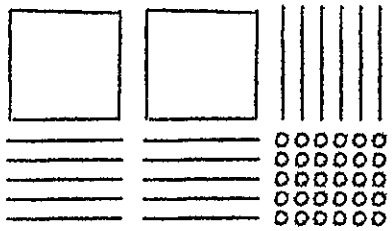
GO ON

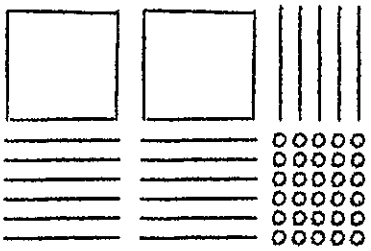
26. Which is a prime number?

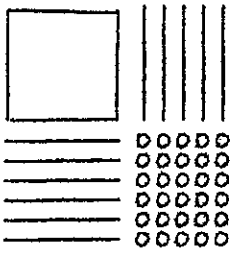
Ⓐ 27 Ⓒ 39

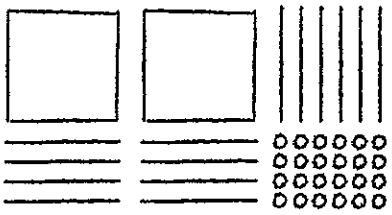
Ⓑ 81 Ⓓ 89

27. A floral shop has 400 roses divided evenly among 25 vases. Which quick picture can be used to determine how many roses are in each vase?

Ⓐ 

Ⓑ 

Ⓒ 

Ⓓ 

28. Tony pays $0.08 in sales tax for every $1 that he spends. If Tony spends $70, how much will he pay, including sales tax?

Ⓐ $75.60 Ⓒ $5.60

Ⓑ $70.08 Ⓓ $64.40

29. Noah filled $\frac{1}{3}$ of his plate with pasta and $\frac{1}{2}$ of the plate with vegetables. He left the rest of the plate empty. How much of his plate did Noah fill with food?

Ⓐ $\frac{5}{6}$ Ⓑ $\frac{2}{5}$ Ⓒ $\frac{1}{6}$ Ⓓ $\frac{1}{5}$

30. Robin made a chart to keep track of her money.

Robin's April Budget	
Income	**Expenses**
Allowance: $28	Photography supplies: $27
Tutoring: $18	Savings: $15
	Stationery: $9

Which of the following changes should Robin make to balance her budget?

Ⓐ Increase savings by $5.

Ⓑ Decrease allowance by $5.

Ⓒ Decrease photography supplies purchase by $5.

Ⓓ Decrease tutoring income by $5.

GO ON

31. Amanda plots a point to represent the ordered pair (4, 6). Which describes how to locate this point on a coordinate grid?

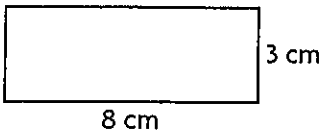
Ⓐ Move 4 units to the right of the origin and then 6 units to the left.

Ⓑ Move 4 units up from the origin and then 6 units to the right.

Ⓒ Move 4 units to the right of the origin and then 6 units up.

Ⓓ Move 6 units to the right of the origin and then 4 units down.

32. Rebekah drew a rectangle.



Which equation represents the area of the rectangle?

Ⓐ $A = 2 \times 8 + 3$

Ⓑ $A = 8 + 3 + 8 + 3$

Ⓒ $A = 8 + 3$

Ⓓ $A = 8 \times 3$

33. A young Monarch caterpillar measures about 0.236 inch long. What is the length of the caterpillar rounded to the nearest hundredth?

Ⓐ 0.24 inch Ⓒ 0.23 inch

Ⓑ 0.2 inch Ⓓ 0.3 inch

34. Mr. Cortez spent 17.4 minutes folding 100 flyers. If he spent the same amount of time folding each flyer, how many minutes did it take Mr. Cortez to fold 10 flyers?

Ⓐ 1.74 minutes Ⓒ 17.4 minutes

Ⓑ 0.174 minute Ⓓ 174 minutes

35. Pet store workers need to place 2,204 fish into fish tanks with 58 fish in each tank. How many tanks are needed to hold all of the fish?

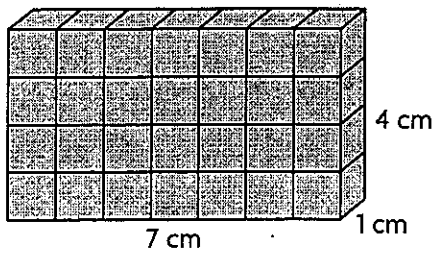
Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.

			.		
⓪	⓪	⓪		⓪	⓪
①	①	①		①	①
②	②	②		②	②
③	③	③		③	③
④	④	④		④	④
⑤	⑤	⑤		⑤	⑤
⑥	⑥	⑥		⑥	⑥
⑦	⑦	⑦		⑦	⑦
⑧	⑧	⑧		⑧	⑧
⑨	⑨	⑨		⑨	⑨

GO ON

Name _____

36. Ned uses centimeter cubes to build a rectangular prism.



Which equation can Ned use to find the volume of the rectangular prism?

Ⓐ $V = 7 + 1 + 4$

Ⓑ $V = (2 \times 7) + (2 \times 4)$

Ⓒ $V = 7 \times 1 \times 4$

Ⓓ $V = 7 \times 1$

37. What is the value of t in the equation?

$$5 + 11 \times 6 - 3 = t$$

Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.

			.		
⓪	⓪	⓪		⓪	⓪
①	①	①		①	①
②	②	②		②	②
③	③	③		③	③
④	④	④		④	④
⑤	⑤	⑤		⑤	⑤
⑥	⑥	⑥		⑥	⑥
⑦	⑦	⑦		⑦	⑦
⑧	⑧	⑧		⑧	⑧
⑨	⑨	⑨		⑨	⑨

38. Team A traveled 21.459 miles to the game. Team B traveled 21.542 miles to the same game. Which expression correctly compares the distances the teams traveled?

Ⓐ $21.459 > 21.542$

Ⓑ $21.542 < 21.459$

Ⓒ $21.542 = 21.459$

Ⓓ $21.459 < 21.542$

39. Sharon's gross yearly income is $55,000. She pays $15,000 in taxes each year. If this is the only money taken out of Sharon's checks, what is her net yearly income?

Ⓐ $70,000

Ⓑ $40,000

Ⓒ $50,000

Ⓓ $15,000

GO ON

Name _____

40. Ravi made a chart to keep track of his money.

Ravi's Financial Record: Month of February

Date	Description	Received ($)	Expenses ($)	Available Funds ($)
	Balance: end of January			0
1	allowance	50		50
5	hat		12.59	37.41
8	shovel snow	15		52.41
11	art supplies		8.37	44.04
17	music downloads		11.93	32.11

Which expression can be used to find how much Ravi has in available funds after he receives payment for shoveling snow?

Ⓐ $12.59 + $15 Ⓒ $37.41 + $15

Ⓑ $37.41 − $15 Ⓓ $52.41 − $15

41. Elise wants to add $\frac{1}{3} + (\frac{1}{3} + \frac{3}{4})$. She rewrites the problem as $(\frac{1}{3} + \frac{1}{3}) + \frac{3}{4}$. Which property does Elise use to find the sum?

Ⓐ Identity Ⓒ Commutative

Ⓑ Associative Ⓓ Distributive

42. Ms. Perkins needs to fill 19 fish tanks that each hold 2 gallons of water. How many quarts of water does she need?

Ⓐ 76 quarts Ⓒ 152 quarts

Ⓑ 38 quarts Ⓓ 57 quarts

43. It is 15.952 miles from Kate's house to the soccer stadium. Kate and her family have driven 10.708 miles so far. About how many more miles do they need to drive to reach the soccer stadium?

Ⓐ 5 miles Ⓒ 27 miles

Ⓑ 15 miles Ⓓ 1 mile

Use the stem-and-leaf plot for 44–45.

Lengths of Cats (cm)

Stem	Leaf
3	
4	2 4 6 6 7 9
5	0 1 1

4|2 represents 42.

44. At the animal shelter, Megan records the lengths of the cats. In centimeters, the lengths are: 46, 42, 38, 50, 33, 46, 47, 51, 30, 44, 51, 37, 49. Megan is making a stem-and-leaf plot of the data.

What are the leaves for stem 3?

Ⓐ 0, 3, 8 Ⓒ 0, 3, 7, 8

Ⓑ 3, 4, 5 Ⓓ 6, 6, 7, 9

45. How many more cats are longer than 46 centimeters than are exactly 46 centimeters?

Ⓐ 5 Ⓑ 2 Ⓒ 8 Ⓓ 3

GO ON

46. Tina collects 12 eggs from her family's chickens and gives 4 of the eggs to a neighbor. She does this every day for 6 days.

Which expression matches the words?

Ⓐ $(12 - 4) \times 6$

Ⓑ $(12 - 4) + 6$

Ⓒ $(6 \times 12) - 4$

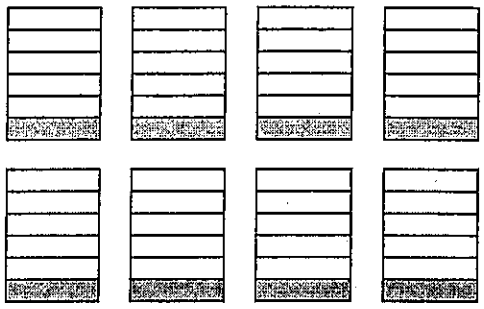
Ⓓ $6 \times (12 + 4)$

47. Ms. Ching sees a stereo she would like to buy. If Ms. Ching pays for the stereo with her credit card, she will pay $890 plus $71 in interest. If she pays with her debit card, she will pay $890 with no interest fee. How much will Ms. Ching save by paying for the stereo with her debit card?

Ⓐ $142 Ⓒ $961

Ⓑ $819 Ⓓ $71

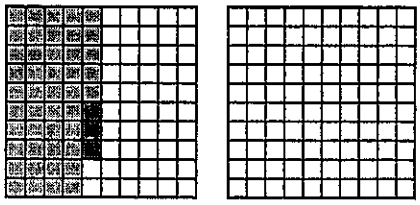
48. Ellen is making placemats. She has 8 rolls of lace. She uses $\frac{1}{6}$ of the rolls of lace to decorate the placemats. How much of the lace does Ellen use in all?

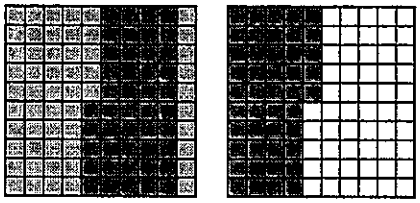


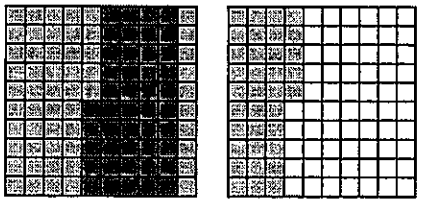
Ⓐ 3 rolls Ⓒ $1\frac{1}{4}$ rolls

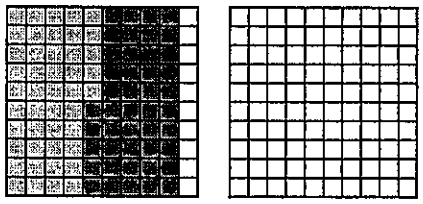
Ⓑ $1\frac{2}{6}$ rolls Ⓓ 8 rolls

49. Jon swims for 0.45 minutes. Thea swims 3 times as long as Jon. Which model can be used to find the total amount of time Thea swims?

Ⓐ 

Ⓑ 

Ⓒ 

Ⓓ 

50. There are 249 calories in one serving of crackers. How many calories are there in 31 servings of crackers?

Ⓐ 996 calories

Ⓑ 7,500 calories

Ⓒ 7,719 calories

Ⓓ 9,086 calories

St. John Paul II Catholic School
IXL Math Practice - Summer 2018

Dear StJPII Family,

Each summer we recommend that our students practice their math skills. In the chart below is a list by grade level of the concepts for further practice using the IXL math software online at ***www.ixl.com/signin/johnpaul***. *IMPORTANT: The grade levels indicated on the left hand side of this column are for the grade levels they will be* ***entering in the fall.***

Grade level students are **entering in the fall of 2018**	Concepts to practice and review for the 2018-2019 school year:
Incoming 1st graders	Addition and subtraction facts to 12; place values (ones, tens)
Incoming 2nd graders	Addition and subtraction facts to 18; place value (ones, tens, hundreds)
Incoming 3rd graders	Addition and subtraction facts through 20; place value (ones, tens hundreds, thousands); addition and subtraction problems with regrouping (up *to* three digits).
Incoming 4th graders	Multiplication and division facts memorized through 9's; place value (ones, tens, hundreds, thousands, ten-thousands) addition and subtractions problems with regrouping (up to four digits)
Incoming 5th graders	Multiplication and division facts memorized through 12's; fractions (equivalent, simplest form, mixed numbers, improper); addition and subtraction of fractions with like denominators; division of whole numbers with one and two digit divisors
Incoming 6th graders	Addition, subtraction, multiplication of decimals, fractions and mixed numbers; order of operations; exponents; mean, median, mode and range; solve problems related to area and perimeter
Incoming 7th graders	Computation and word problems for fractions and decimals; word problems for percents and money
Incoming 8th graders	Computation and word problems for fractions, decimals, and integers; all skills associated with percents and proportions