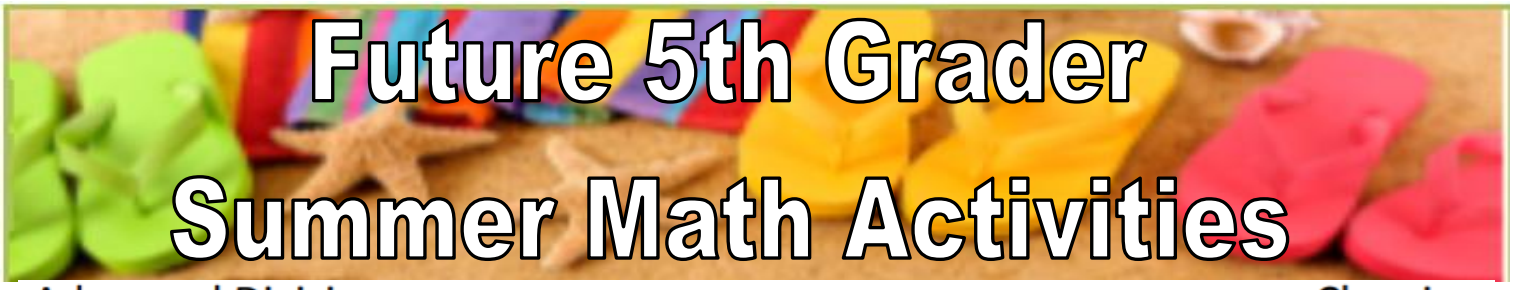


Advanced Division

Cherries

63÷9	28÷4	72÷9	24÷3	40÷5	35÷5	35÷5	49÷7	70÷10	80÷10	63÷9	35÷5	48÷6	80÷10	8÷1	63÷9	16÷2	35÷5	32÷4
56÷7	40÷5	35÷5	8÷1	28÷4	48÷6	56÷8	56÷8	6÷6	4÷2	8÷1	21÷3	49÷7	48÷6	10÷5	10÷5	72÷9	80÷10	42÷6
40÷5	56÷7	42÷6	28÷4	64÷8	49÷7	56÷8	40÷5	24÷3	32÷4	10÷10	56÷7	72÷9	20÷10	6÷1	10÷2	2÷1	7÷1	63÷9
35÷5	49÷7	49÷7	48÷6	80÷10	16÷2	80÷10	72÷9	64÷8	21÷3	5÷5	10÷10	4÷2	42÷7	24÷4	54÷9	35÷7	1÷1	40÷5
7÷1	21÷3	28÷4	56÷7	49÷7	72÷9	14÷2	56÷8	35÷5	4÷2	32÷4	7÷7	16÷8	3÷3	8÷4	4÷2	4÷4	10÷10	16÷2
63÷9	21÷3	42÷6	64÷8	10÷10	2÷2	80÷10	56÷8	6÷6	72÷9	8÷1	21÷3	10÷5	72÷9	35÷5	49÷7	32÷4	28÷4	40÷5
21÷3	56÷7	14÷2	8÷4	6÷2	12÷4	6÷3	5÷5	56÷8	64÷8	28÷4	56÷8	18÷9	7÷1	70÷10	49÷7	70÷10	35÷5	24÷3
80÷10	16÷2	1÷1	12÷4	24÷8	32÷8	15÷5	4÷2	48÷6	72÷9	21÷3	40÷5	8÷1	4÷2	40÷5	64÷8	21÷3	56÷7	42÷6
56÷7	12÷6	27÷9	9÷3	15÷5	21÷7	4÷1	4÷1	10÷10	56÷8	70÷10	8÷1	56÷7	7÷7	21÷3	14÷2	8÷1	32÷4	21÷3
35÷5	7÷7	18÷6	32÷8	16÷4	18÷6		40÷10	14÷7	56÷8	24÷3	56÷8	16÷2	56÷7	3÷3	14÷2	49÷7	48÷6	32÷4
48÷6	21÷3	6÷6	6÷2	36÷9		9÷3	9÷9	63÷9	16÷2	56÷7	7÷1	32÷4	6÷3	18÷9	8÷8	72÷9	32÷4	8÷1
72÷9	40÷5	28÷4	1÷1	6÷2	3÷1	4÷4	32÷4	24÷3	14÷2	35÷5	48÷6	63÷9	8÷8	15÷5	16÷4	7÷7	35÷5	16÷2
56÷8	40÷5	48÷6	40÷5	8÷8	2÷1	49÷7	7÷1	56÷7	40÷5	49÷7	70÷10	8÷4	12÷3	18÷6	20÷5	15÷5	10÷5	42÷6
42÷6	56÷7	16÷2	72÷9	49÷7	7÷1	56÷8	35÷5	48÷6	35÷5	24÷3	8÷8	21÷7	24÷8	30÷10	28÷7	18÷6	24÷6	14÷7
48÷6	49÷7	48÷6	48÷6	32÷4	14÷2	28÷4	32÷4	14÷2	48÷6	49÷7	14÷7	8÷2	15÷5	27÷9	15÷5		12÷3	14÷7
35÷5	24÷3	56÷8	70÷10	56÷7	49÷7	24÷3	32÷4	63÷9	24÷3	40÷5	56÷8	4÷2	24÷8	30÷10		27÷9	4÷4	63÷9
63÷9	7÷1	49÷7	64÷8	48÷6	32÷4	56÷8	16÷2	7÷1	48÷6	32÷4	56÷7	56÷8	9÷9	4÷1	30÷10	7÷7	24÷3	56÷7
24÷3	42÷6	42÷6	32÷4	21÷3	80÷10	16÷2	49÷7	56÷8	63÷9	16÷2	7÷1	28÷4	14÷2	20÷10	1÷1	64÷8	8÷1	7÷1
28÷4	14÷2	28÷4	49÷7	35÷5	72÷9	80÷10	8÷1	14÷2	35÷5	48÷6	63÷9	48÷6	64÷8	21÷3	8÷1	24÷3	64÷8	56÷8
56÷8	32÷4	56÷8	49÷7	21÷3	40÷5	32÷4	24÷3	70÷10	42÷6	32÷4	42÷6	40÷5	24÷3	49÷7	72÷9	56÷8	48÷6	7÷1

Key:

1,2	Black
3,4	Red
5,6	Green
7,8	Blue

*Blank squares are white

Student Name: _____

Perth Amboy
Public Schools

June, 2019

Dear Parents, Guardians, and Students,

Perth Amboy Public Schools is committed to promoting Mathematics throughout the summer months in order to enhance each student's mathematical proficiency and to further develop their mathematical understanding. Although your child has acquired new skills during this school year, he/she may lose ground if a review of the grade level concepts and skills does not continue over the summer!

This summer, your child is being asked to complete the attached summer Math packet. Completion of the summer math packet will result in extra credit points to begin the year! The summer Math packet will be due by **September 20, 2019**. Your child's teacher will discuss, collect, and assess the summer assignment.

Parents are strongly encouraged to work with their children on these packets. When parents stay closely involved in their child's academic life, positive results can be sure to follow. Let's work together – as parent, teacher, and student – to ensure a productive beginning to a successful school year this fall.

Have a safe, happy, and healthy summer!

Regards,

The Perth Amboy School District Math Department

Perth Amboy Public Schools

Junio 2019

Estimados Padres, Guardianes y Estudiantes,

El distrito escolar de Perth Amboy se ha comprometido a mejorar la área de las matemáticas durante los dos meses de verano con el fin de aumentar las destrezas matemáticas de cada estudiante y para desarrollar aún más la capacidad de su entendimiento de las matemáticas por toda la vida. Recuerde que, aunque el niño ha adquirido nuevas habilidades durante este año escolar, él / ella puede perder destrezas si no continúa repasando durante el verano!

Este verano, ***se le pide a su hijo(a) que complete el paquete de matemáticas incluido con esta carta***. ¡La asignación completa resultará en puntos extra para comenzar el año escolar! El paquete de matemáticas se tiene que entregar el **20 de septiembre de 2019**. El maestro de su hijo/a va a evaluar la asignación de verano.

Les sugerimos a los padres que por favor ayuden a sus hijos. Cuando los padres estan invuelto en la vida académica de sus hijos, ellos tiene mas posibilidades de tener resultados positivos. Vamos a trabajar juntos – como padre, maestro y estudiante - para asegurar un principio productivo para el año escolar.

¡Tengan un verano seguro, feliz y saludable!

Un cordial saludo,

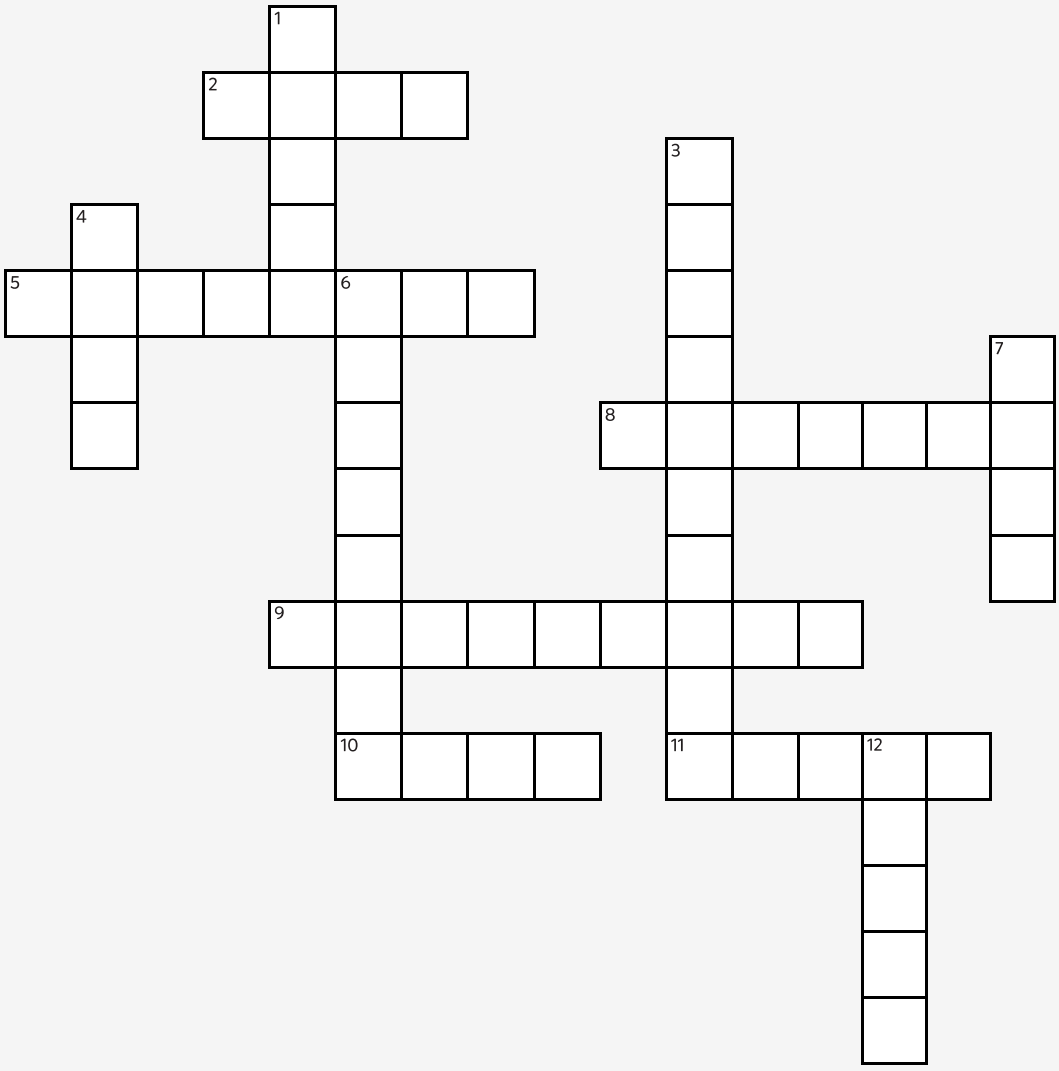
El Departamento de Matemáticas del Distrito de Perth Amboy

DigiCross™

4.1.10

Name: _____

Licensed to:



five eighteen perimeter hundredths greater nine eight four true sixty three fourteen

ACROSS

2. 9 tenths - 4 tenths = ___ tenths
5. 126 ÷ 9
8. 5/7 is ___ than 3/8
9. the distance around a shape
10. 81 ÷ 12 has remainder ___
11. 6 x 417 = 2,400 + ___ + 42

DOWN

1. 96 is ___ times as much as 12
3. .08 = eight ___
4. "quart" in quarter and quartet
6. 72 is a multiple of ___
7. 4,990 + 2,010 = 7,000
12. 3,489 is closest to ___ thousands

Snake

4.1.10

Name: _____

Licensed to:

Fill in each blank box in order, combining the numbers from the previous two boxes.

6	+3		×10		-80		$\times\frac{1}{2}$	
								+4
	+3		$\times\frac{1}{5}$		-47		×8	
×7								
	-2		$\times\frac{1}{6}$		+1		×7	70

70			+4				+49	
$\times\frac{1}{7}$		$\times\frac{1}{4}$		×9		×3		$\times\frac{1}{8}$
×8		×2		-18		-4		-3
	$\times\frac{1}{10}$				$\times\frac{1}{6}$			5

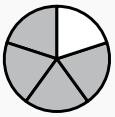
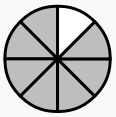
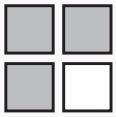
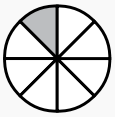
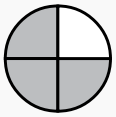
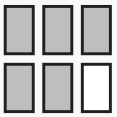
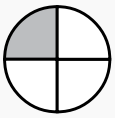
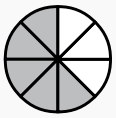
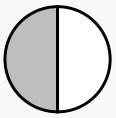
NumTanga™

4.1.10

Name: _____

Licensed to:

In each empty box, write the matching value between adjacent cards.

$\frac{1}{6}$ 		$\frac{5}{6}$ 		$\frac{1}{3}$ 				
 one half		 one sixth		 five sixths				
$\frac{1}{4}$ 		$\frac{7}{8}$ 		$\frac{1}{2}$ 				
 one fifth		 four fifths		 one eighth				
$\frac{4}{5}$ 		$\frac{1}{8}$ 		$\frac{5}{8}$ 				
 three eighths		 seven eighths		 three fourths				

Kakooma® Times

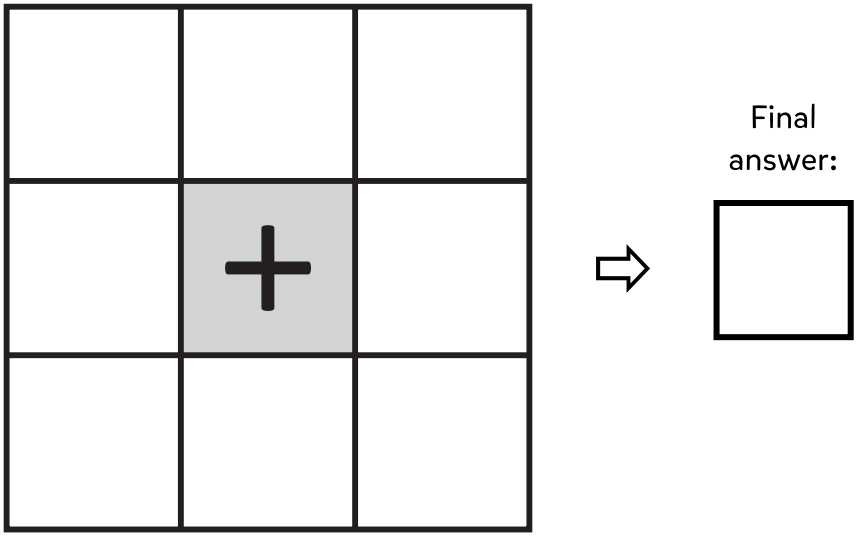
Name: _____

Licensed to:

4.1.10

Puzzled? In each 8-number square, find the number that is the product of 2 other numbers. Use all 8 products to create 1 final addition puzzle and solve.

4	63	8	5	63	7	7	45	3
6		32	90		6	40		6
50	60	35	14	35	24	8	30	21
8	6	50				24	63	8
2		60		×		72		32
18	4	56				9	28	6
5	40	20	6	10	70	4	6	45
24		8	35		7	90		54
90	63	6	36	24	18	7	28	80



Equato™

4.1.10

Name: _____

Licensed to:

Fill in the empty boxes to make every horizontal and vertical equation correct. Use the correct order of operations and read left to right and top to bottom. Use every number in the number bank once.

NUMBER BANK

2 3 4 5 6 7 8 9

7	×	1	=	3	+	
−		+		+		+
	=		+		−	
=		=		=		=
	−	1	=	2	+	5
−		×		×		+
	=		+	4	−	8

Summer Math Packet *Name* _____

Entering 5th Grade *Date* _____

1) During the month of December, a store's average sales per day was $124,503. What is 124,503 rounded to the nearest thousand?

2) 16,000 – 1,411 =

3) Show the prime factorization of 36.

4) A truck contains 250,000 cookies. Each case contains 1,000 cookies. How many cases of cookies are on the truck?

5) Compare the numbers below. Draw the correct comparison symbol in the middle.

501,534 ◯ 501,368

6) Compare the numbers below. Draw the correct comparison symbol in the middle.

0.328 ◯ 0.032

7) Which fraction is closest to ***zero***?

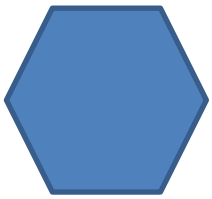
a) $\frac{7}{8}$ c) $\frac{3}{14}$

b) $\frac{5}{12}$ d) $\frac{4}{25}$

8) What is an appropriate name for the angle that the arrow is pointing toward?

9) The two roads meet at an intersection as shown below. The roads appear to be:

10) The figure shown has 6 sides of equal length. How many lines of symmetry does the figure have?



11) A room measuring 15 ft. x 12 ft. is about to have new floor tiles installed. How much will the floor tiles, measuring 1 ft. x 1 ft., cost if each tile is $4.00?

12) A gardener is attempting to keep the deer out of his garden by installing a fence. The garden, which is square, measures 13 feet on one side. How much fencing will be required to keep the deer away?

13) $\frac{1}{4} + \frac{2}{4} =$

14) $4\frac{5}{7} - 1\frac{2}{7} =$

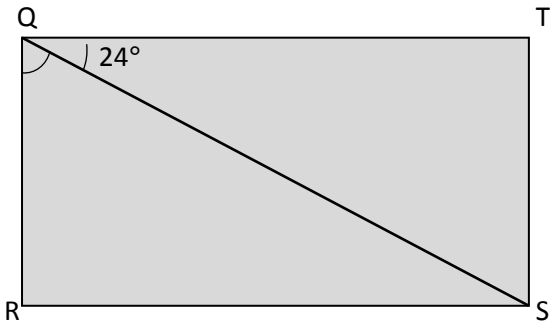
15) What is $\frac{2}{5}$ of 30?

16) A pan of brownies takes 28 minutes to cook. They are put in the oven at 11:47 am. What time should the brownies be taken out of the oven?

17) Identify each number as prime or composite. Then list all of its factors.

	Prime or Composite	**Factors**
3	_____	_____
6	_____	_____
15	_____	_____
24	_____	_____
29	_____	_____

18) In the following figure QRST is a rectangle. Without using a protractor, determine the measure of ∠RQS. Write an equation that could be used to solve the problem.



19) 4,782 ÷ 3 =

20) 2,708 ÷ 5 =

21) 39 x 53 =

22) 18 x 42 =

23) 96 pencils come in a box. If 4 teachers share 3 boxes equally, how many pencils does each teacher receive?

24) During the months of September and October, the school collected 251,845 acorns. What is 251,845 rounded to the nearest hundred?

25) $\frac{2}{10} + \frac{60}{100} =$

26) Jenny has 42 stickers to put in her sticker book. Each page holds 8 stamps. How many pages will Jenny fill completely?

27) Mr. Tate is putting a border around his classroom board. The length of the board is 5 feet and the width is 3 feet. How much border does he need?

28) Mrs. Smith put dinner in the oven at 4:15 P.M. It needed to cook for 1 hour 45 minutes. What time would dinner be done?

29) Parker runs 3/10 of a mile every day. How far does Parker run in one week?

30) The farmer picked 426 apples. He needs to put them into boxes to ship. Each box holds 50 apples.

- Use an equation to find how many boxes the farmer will need for the apples.

- Draw a picture or use words to explain how you used the whole number and the remainder in the quotient to determine the number of boxes needed.

Rocket Math Multiplication Two-Minute Test 3

Name _____

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

Answer as many problems as you can in 2 minutes.