

Future 3rd Grader

Summer Math Activities

17-8	16-6	14-5	20-10	18-9	10-0	17-8	13-4	12-2	19-10	19-9	19-9	15-6	14-4	18-8	16-6	9-7	2-0	1-0
16-6	16-7	19-10	10-0	9-0	10-1	19-10	10-0	12-2	14-5	10-1	19-9	10-1	19-10	16-6	13-3	10-9	2-1	5-3
14-4	13-4	16-6	15-6	20-10	14-5	10-1	12-3	15-6	14-5	9-0	10-1	15-6	16-6	19-10	18-9	14-4	11-9	6-5
20-10	14-4	13-4	11-1	16-7	15-6	12-2	10-1	11-1	19-9	10-0	20-10	19-9	11-2	17-7	12-2	15-6	20-10	10-9
10-0	10-1	15-5	10-1	20-10	13-3	16-7	11-1	18-8	11-2	19-10	19-9	15-6	15-6	11-1	17-8	10-0	15-6	16-6
11-1	16-7	15-6	18-9	20-10	17-8	10-0	12-3	18-9	12-3	15-6	17-7	10-1	12-2	19-9	10-1	15-5	17-8	17-7
20-10	19-10	13-3	17-7	11-2	20-10	16-7	13-4	19-9	13-3	14-5	17-7	16-6	9-0	14-4	15-5	18-9	18-8	15-5
17-8	14-5	19-9	17-7	20-10	10-0	13-3	10-1	16-7	13-3	11-2	19-9	12-2	18-8	12-3	11-1	15-6	14-4	14-5
12-3	12-3	14-5	11-2	18-8	10-4	12-6	10-3	10-0	12-3	18-8	11-1	14-4	11-1	20-10	17-8	16-7	12-2	15-6
18-8	18-9	17-8	10-5	14-9	7-2	8-2	14-7	15-8	12-2	17-7	10-1	14-5	11-2	11-1	10-1	12-3	19-9	12-2
14-4	10-1	10-1	12-7	10-5	13-8	6-0	11-4	11-4	16-6	11-2	12-2	12-3	14-5	12-2	18-9	20-10	19-9	15-6
15-5	19-10	14-5	16-7	12-3	2-0	11-9	9-2	12-5	13-7	19-10	14-4	18-9	20-10	10-1	11-1	18-9	13-3	12-2
9-0	16-7	12-2	17-7	18-9	11-10	3-1	10-5	15-10	15-9	5-0	9-3	11-1	10-0	13-3	17-7	14-4	14-5	11-1
19-10	10-0	9-0	17-8	17-7	12-10	8-7	7-2	9-4	13-8	7-2	8-3	12-7	7-2	14-5	12-3	12-3	11-1	17-7
18-9	17-8	18-8	18-9	14-5	9-7	10-4	8-2	7-2	13-8	7-1	14-8	14-9	14-8	7-1	10-0	11-2	16-7	12-7
13-3	15-6	18-9	14-5	17-7	11-2	12-6	18-8	16-7	8-2	6-0	6-1	15-10	16-6	14-8	14-9	14-4	9-4	11-5
11-2	13-4	17-7	11-2	15-5	18-9	10-5	16-7	16-7	19-10	11-5	11-6	13-3	14-4	19-9	12-7	6-0	15-9	14-4
14-4	13-4	12-2	18-8	20-10	5-0	13-8	17-8	18-8	7-2	14-8	14-8	15-5	17-7	15-5	11-1	14-5	11-1	12-3
3-0	9-6	6-2	8-4	5-1	7-3	11-8	10-7	6-2	6-2	13-10	11-7	7-3	10-6	5-1	4-1	5-2	7-4	5-1
5-1	12-9	8-5	4-1	12-9	12-8	6-2	5-2	10-6	6-2	12-8	12-9	10-6	5-2	5-2	7-4	3-0	9-5	6-2

Dog

Key:

1,2	Orange
3,4	Green
5,6	Brown
7,8	Black
9,10	Blue

Student Name: _____





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



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!

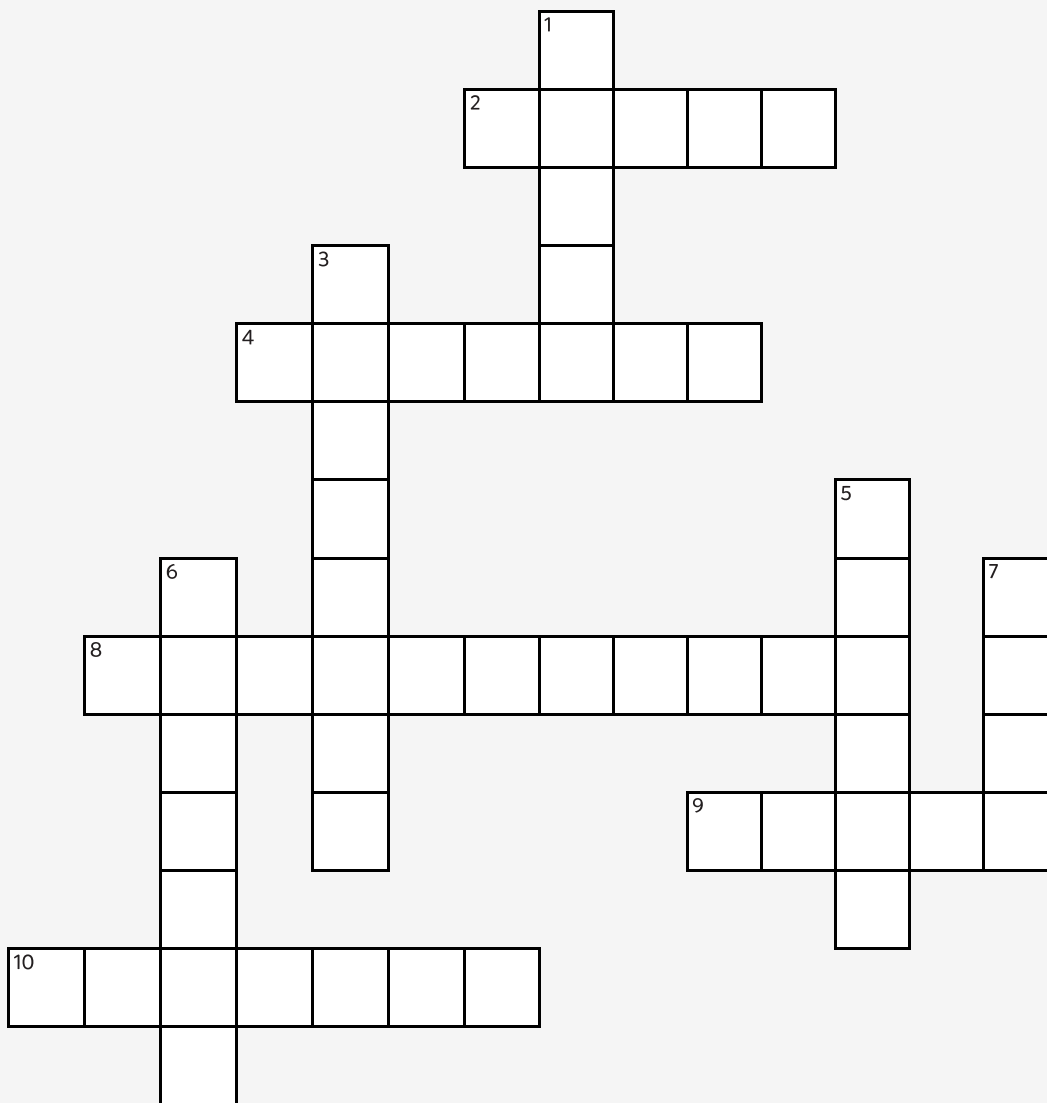
Este verano, **se le pide a su hijo(a) que complete el paquete de matemáticas incluido con esta carta**. ¡La asignación completa resultará en puntos extra para comenzar el año escolar! El paquete de matemáticas se tiene que entregar el **20 de septiembre de 2019**. El maestro de su hijo/a va a evaluar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

Les sugerimos a los padres que por favor ayuden a sus hijos. Cuando los padres están involucrados en la vida académica de sus hijos, ellos tienen más 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



greater ninety-nine four fifteen twenty eight quarter hundreds fifty meter

ACROSS

2. 2 quarters = ____ ¢
4. one of 4 equal parts
8. $50 + 30 + 19$
9. 1 ____ is longer than 1 centimeter
10. 459 is ____ than 338

DOWN

1. $14 - 6$
3. $819 = 8 \text{ ____} + 1 \text{ ten} + 9 \text{ ones}$
5. $627 = 600 + \text{ ____} + 7$
6. 3 rows of 5 cans are ____ cans
7. ____ + 8 = 12

Snake

2.1.10

Name: _____

Licensed to:
store.gregtangmath.com © 2016 Gregory Tang

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

19	-3		-5		-7		+16	
								-19
	+13		+3		-8		+9	
-6								
	-4		-1		-1		+11	17

4		+13			-3	
+9		-16		-9	+8	+10
-6		+8		+1	-9	+2
	+2				+6	20

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

28	10+9
	fifteen

19

12	10+4
	nineteen

16	10+7
	twenty eight

29	10+3
	seventeen

17	10+1
	twenty four

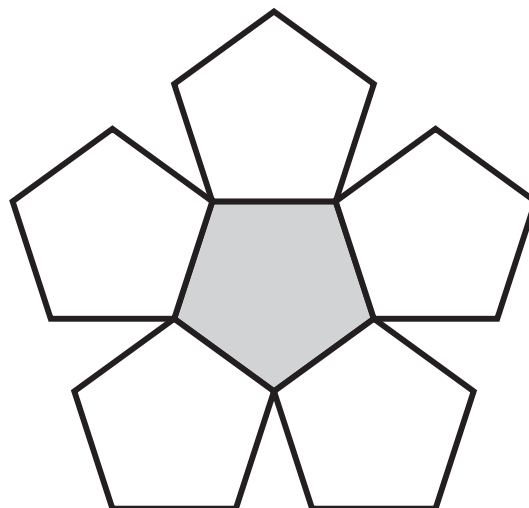
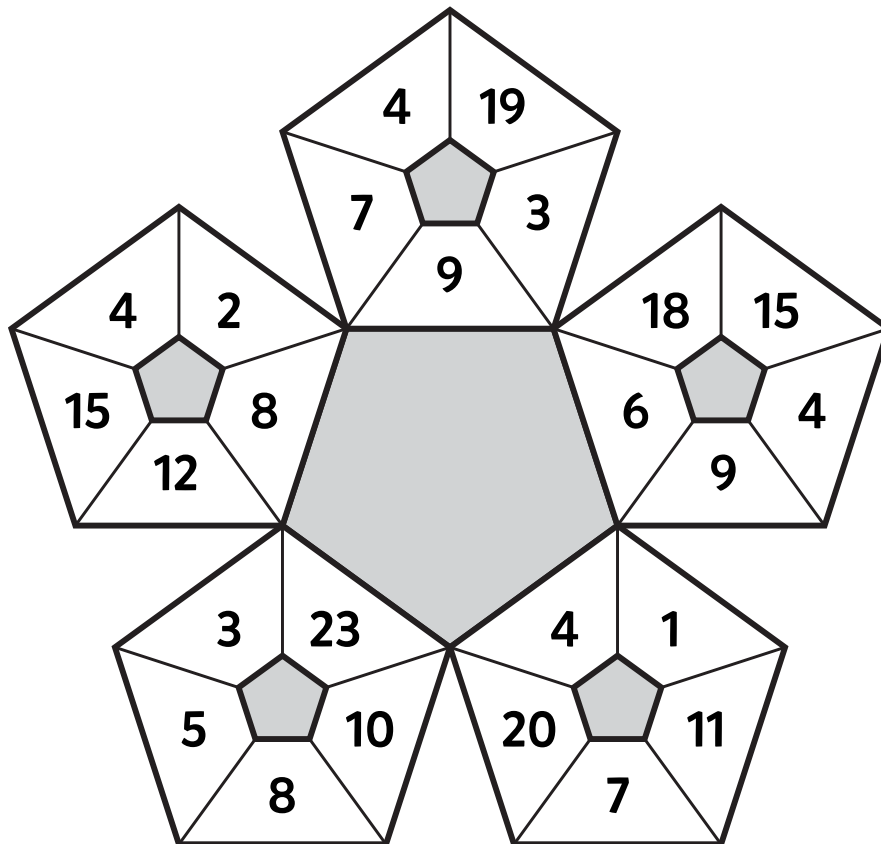
18	20+9
	eleven

13	20+8
	fourteen

21	20+4
	twenty nine

19	20+1
	eighteen

Puzzled? In each 5-number pentagon, find the number that is the sum of 2 other numbers. Use all 5 sums to create 1 final puzzle and solve.



Final
answer:

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.

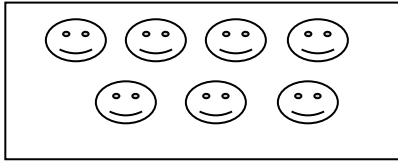
NUMBER BANK

1 2 3 3 4 4 5 5

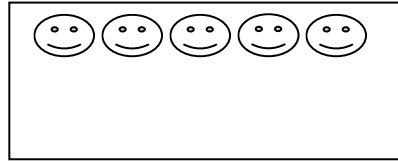
4	=		-	2	+	
+		-		=		=
	+	3	=		+	1
=		+		-		+
	+		=	1	+	5
+		=		-		-
	+		=	2	+	5

1. Which group shows an even number of objects?

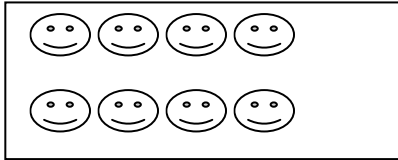
a.



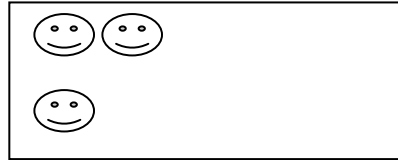
c.



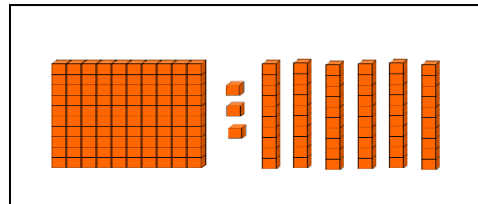
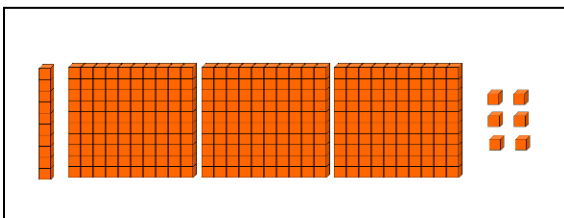
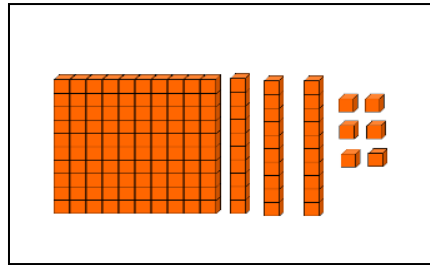
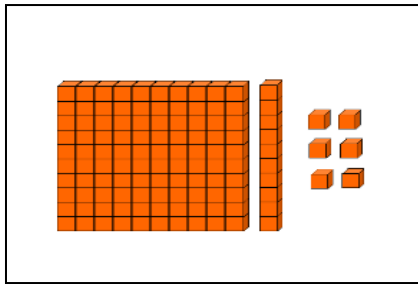
b.



d.



2. Circle the group of base 10 blocks that show the number 136.



3. Which groups of numbers are counting by 100s?

a. 114, 214, 314

b. 104, 114, 124

c. 247, 357, 367

d. 320, 330, 340

4. Jenny swam 17 feet in the lake. Justin swam 12 feet. How many more feet did Jenny swim?

- a. 5
- b. 4

- c. 25
- d. 29

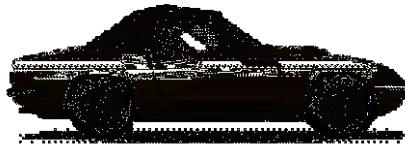
5. Add.

$$\begin{array}{r} 52 \\ +37 \\ \hline \end{array}$$

6. Subtract

$$\begin{array}{r} 40 \\ -23 \\ \hline \end{array}$$

7. To measure the length of a car, which tool would you use?

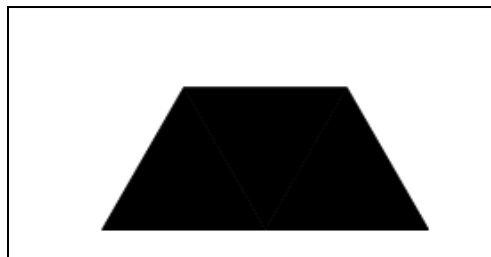


- a. A yard or meter stick
- b. A centimeter or inch ruler
- c. A tape measure

8. Which coins would you use to buy a notebook that cost \$0.63?

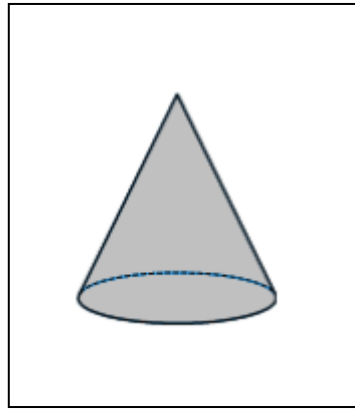


9. This shape is a _____.



10. How many faces does this shape have?

- a. 1
- b. 2
- c. 3
- d. 4



11. Continue counting:

145, 155, _____, _____, _____, _____, _____

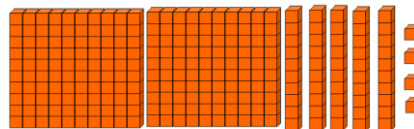
12. Fill in the blank with the correct symbol. $<$, $>$, $=$

278 _____ 264

318 _____ 381

137 _____ 137

13. Write the number shown by the base 10 blocks. _____



14. Complete the fact family for the numbers: 7, 8, and 15.

15. Susie and her friends went to the library. Susie picked out 6 books, Lisa picked out 3 books and Eva picked out 4 books. How many books did the girls pick out in all?

_____ books

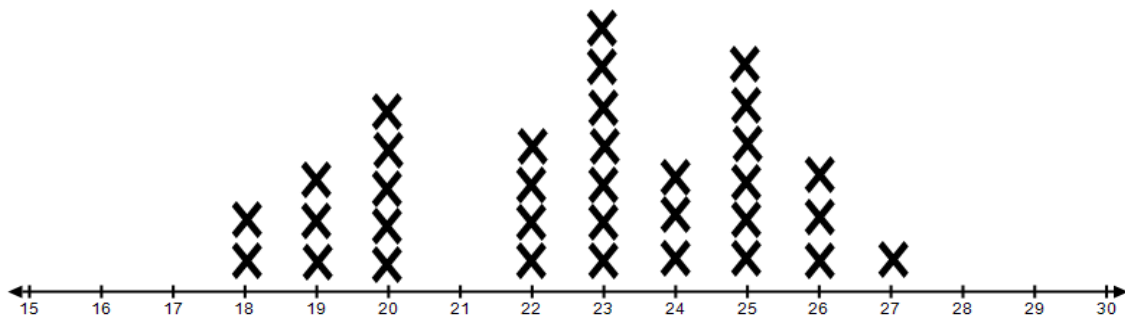
16. Rose started with 48 cookies at her bake sale. She sold 25 cookies. How many cookies does she have left?

_____ cookies

17. Evan has 62 cards in his collection, Henry has 59 cards and Ollie has 47. How many cards do the boys have altogether?

_____ cards

Number of Shells Collected on the Beach



18. This line plot shows the number of shells collected on the beach by kids all summer. Use the line plot to answer questions a – d.

- a. What is the greatest number of shells collected? _____
- b. What is the fewest number of shells collected? _____
- c. What is the most common number of shells collected? _____
- d. What is the difference between the greatest and least number of shells collected? _____

19. Write the times shown on the clocks.

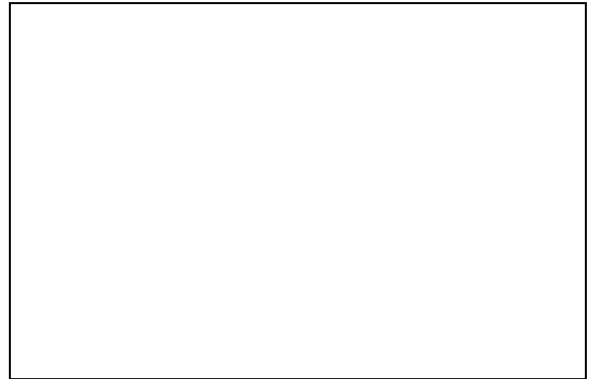
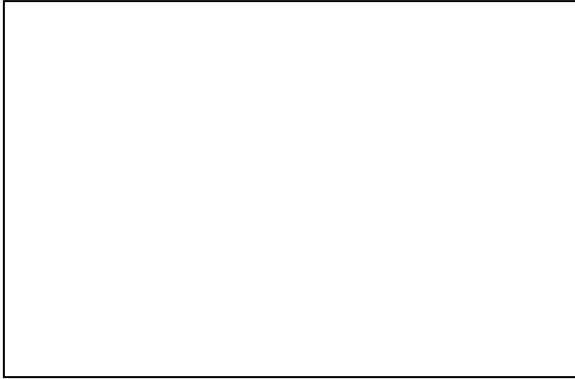


____ : ____



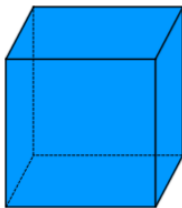
____ : ____

20. Show 2 ways to make \$0.46.



21. Megan has 3 quarters. She bought a toy that cost \$0.59. How much change should she get back?

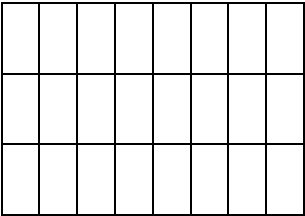
22. What is the name of this 3D shape?



23. Draw two different arrays to show 16 objects. Write the number sentence for each array.

Array 1	Array2
Number Sentence	Number Sentence

24. What is the area of this rectangle?



_____ units



$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 2 \\ \hline \end{array}$
$\begin{array}{r} 7 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 9 \\ \hline \end{array}$
$\begin{array}{r} 6 \\ - 0 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 8 \\ \hline \end{array}$
$\begin{array}{r} 8 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 2 \\ \hline \end{array}$
$\begin{array}{r} 1 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 2 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 8 \\ \hline \end{array}$
$\begin{array}{r} 9 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 8 \\ \hline \end{array}$
$\begin{array}{r} 1 \\ + 5 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ - 9 \\ \hline \end{array}$
$\begin{array}{r} 6 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 5 \\ \hline \end{array}$
$\begin{array}{r} 2 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 9 \\ \hline \end{array}$
$\begin{array}{r} 5 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 8 \\ \hline \end{array}$

**Answer as many problems as you can in 2 minutes.**