Name: _____

Mental Math

= Do it in your head!

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

A	B	C	D
imagine 4 in your head	imagine 2 in your head	imagine 5 in your head	imagine 7 in your head
add 9	add 1	add 3	double it
double it	add 6	add 1	subtract 3
Write the ones digit.	Write the number.	Write the number.	Add the tens digit to the ones digit. Write the sum.
_____	_____	_____	_____

What is the sum?

A + B + C + D

_____ _____

Wow! Great job! That's the answer, but do you know how to SPELL the number?

_____ _____ _____ _____ _____ _____ **-** _____ **s** _____ **i** _____

8 before 11 _____	8 after 13 _____	7 after 12 _____
7 before 19 _____	2 after 15 _____	3 after 19 _____
9 before 16 _____	4 after 17 _____	1 after 11 _____
4 before 17 _____	9 after 18 _____	5 after 14 _____
6 before 14 _____	6 after 16 _____	9 after 16 _____
1 before 27 _____	6 after 67 _____	2 after 47 _____

Name: _____

Hannah is 58 inches tall. Anne is exactly 5 feet tall. Who is taller? By how much?

It is 8:44 when Mary leaves her house. She arrives at school at 9:09. How much time has passed?

double 50

$$\begin{array}{r} 57 \\ -\ \ 8 \\ \hline \end{array}$$

2 more than 642

7 - 1 - 2

Circle the number that is smallest.

5,050 5,005

5,500

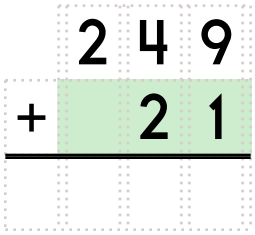
16 - 8 = ☐ 8 - 7 = ☐ 2 + 5 = ☐ 1 + 7 = ☐

Name: _____

Show what 4 x 3 looks like by drawing an array. What is the answer?

If you know
90 + 33 = 123
Then what is 90 + 30?

Write this number:
2 thousands, 8 hundreds, 3 ones



Megan is two years younger than her older sister, Jenna. Jenna is fourteen years old. What is the sum of their ages?

Fill in the missing addition or subtraction operations.

5 ___ 3 ___ 3 = 11

6 ___ 6 ___ 1 = 11

How many even numbers are there between 23 and 44?

Name: _____

Peter found 4 sand dollars and 3 conch shells at the beach. What fraction of the group of shells are the sand dollars?

Justin found out that 213 people in his school believed that they would have bad luck on Friday the 13th. There are 333 people in his school. How many did not believe they would have bad luck?

Rosa had 2 dollar bills and five dimes. She spent $1 for dog food. How much money does she have left?

Fill in the boxes so each line equals 15.

15
1 x ☐
19 - ☐
☐ ÷ 4
(4 + ☐) + ☐

$$\begin{array}{r} 2 \\ 1 \\ +\ 9\ 1 \end{array} \qquad \begin{array}{r} 5 \\ 2 \\ +\ 7\ 0 \end{array}$$

$$\begin{array}{r} 2\ 9 \\ -\ 1\ 3 \end{array}$$

$$\begin{array}{r} 5\ 9 \\ -\ 2\ 9 \end{array}$$

Add. Fill in the blanks.

+	8	2
8	☐	☐
7	15	9

+	2	9
1	3	10
3	☐	☐

$$\begin{array}{r} 1\ 3 \\ +\ 7\ 1 \end{array}$$

word root **fract** can mean **break** **fraction, fracture, infraction**

Name: _____

The vowels are missing in the word search.
Fill in the missing vowels and circle the words.

V		M		R	K		T	D	R
	S			D		S	H		T
D		T	C	B	S	T		T	
L	T	R	L		B	Q	D		T
H		T			L	H	O	S	E
H		H	B	T	L	C		L	G
M	R		D	S	S	L	D	S	R
	H	H	R					R	
L	M		H			T	S	C	
D	D	T	R	M	C	H	H		T

CLUB • SEAM • DISH • GREAT
MARKET • MILD • CLOTH • SEED
HOSE • STATE

$$\begin{array}{r} 70 \\ +\ 82 \\ \hline \end{array}$$

96 - 5 = _____

$$\begin{array}{r} 67 \\ -\ 14 \\ \hline \end{array} \qquad \begin{array}{r} 61 \\ -\ 46 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ +\ 24 \\ \hline \end{array} \qquad \begin{array}{r} 45 \\ +\ 24 \\ \hline \end{array}$$

15 + ☐ = 18

14 + ☐ = 16

8 + ☐ = 15

Write the final part of each math analogy.

born in 2009 : 8 candles on birthday cake in 2017 :: born in 2011 : ☐

Explain why you think your answer is correct.

6 + 6 + 6 : 6 x 3 :: 3 + 3 + 3 : ☐

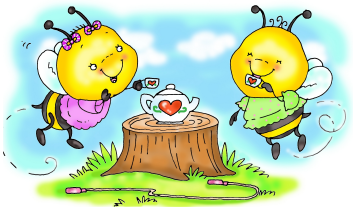
Explain why you think your answer is correct.

6 + ☐ = 14 5 + ☐ = 8 4 + ☐ = 11 6 + ☐ = 19

Name: _____

Sudoku Sums of 7

Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 7.



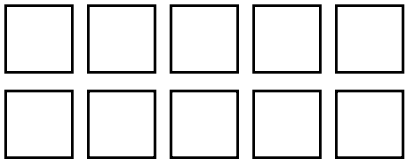
Here is an example of a sudoku sum of 7:

4	3

2		3	4		6
5					
6		4			
	2				
			5		
		2	6		3

36 - 17	86 - 45	38 - 27	51 - 50	42 - 31

Color in $\frac{1}{5}$.



14 + 63

Write a word problem for 3 x 3 = 9.

7 + ☐ = 16

Name: _____

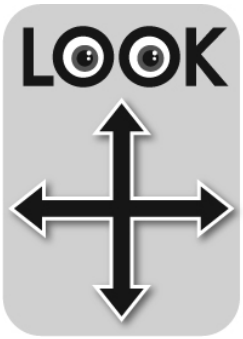
2,139 + 5,680	13,398 - 8,854	8,866 + 7,175	4,466 - 2,605
7,137 - 4,184	6,331 + 3,757	13,981 - 5,188	7,013 - 4,906
6,781 - 2,575	4,753 + 5,523	1,488 + 5,461	3,737 + 2,533
9,519 - 3,537	15,177 - 9,672	3,030 + 2,179	5,614 - 2,632
9,623 + 9,855	2,303 + 2,732	6,445 + 6,362	5,493 + 1,851
7,652 - 5,173	18,653 - 9,718	2,454 + 9,692	7,218 - 1,608
7,946 + 9,157	16,087 - 8,250	15,397 - 7,801	7,770 + 6,093

3
+ 2
□
+ 3
□
+ 9
□
+ 6
□
+ 4
27
- □
22
+ 6
□
- 6
22
- □
18
+ □
24
- □
18

Name: _____

- [x] 5 x 10 = **50**
- [ ] 10 x 4 =
- [ ] 6 x 2 =
- [ ] 3 x 7 =
- [ ] 5 x 8 =
- [ ] 12 x 8 =
- [ ] 3 x 11 =
- [ ] 11 x 8 =
- [ ] 5 x 3 =
- [ ] 9 x 10 =
- [ ] 9 x 8 =

22	1	14	50	12	8	3	4	1	14	8	14	9	12	50	3
32	88	16	40	11	12	7	22	33	40	12	13	4	16	27	10
8	1	12	8	9	39	12	5	16	90	12	8	2	1	23	4
14	4	5	3	8	4	14	29	22	11	1	1	18	10	17	40
90	10	9	10	19	3	7	21	11	3	96	21	19	23	49	14
5	3	5	**x**	10	=	50	7	5	8	40	3	88	4	5	8	25	14
17	26	17	13	3	4	21	10	8	11	22	96	8	12	89	9
17	11	8	27	8	23	8	15	40	33	3	20	5	8	33	6
19	96	89	20	5	10	3	5	8	17	5	19	11	11	8	2
88	14	4	28	28	18	5	8	22	72	32	11	4	3	39	12
8	2	2	10	49	13	3	16	1	18	8	10	22	29	2	3
11	7	4	72	10	23	15	3	7	5	4	8	3	10	91	10
90	14	7	40	11	8	19	91	87	27	1	14	13	73	16	8
87	22	19	73	9	1	9	6	22	15	4	9	8	72	15	12



Write operation.

Write = sign.

Circle.

- [x] 12 x 4 = **48**
- [ ] 5 x 2 =
- [ ] 10 x 7 =
- [ ] 7 x 12 =
- [ ] 5 x 10 =
- [ ] 5 x 9 =
- [ ] 12 x 8 =
- [ ] 9 x 3 =
- [ ] 11 x 6 =
- [ ] 4 x 11 =
- [ ] 6 x 8 =

16	10	5	3	4	8	16	17	10	26	8	12	1	21	26	12
9	23	8	6	12	11	27	27	4	10	9	84	66	6	16	7
9	97	16	15	23	12	3	48	8	11	6	66	6	7	9	16
44	10	9	8	9	48	9	6	14	1	14	10	7	70	8	5
17	16	11	19	5	2	8	4	8	16	4	4	9	5	6	16
4	12	5	26	18	4	12	7	97	19	6	47	16	9	17	10
15	28	10	46	19	50	2	66	8	10	14	16	9	45	21	97
8	4	12	**x**	4	=	48	10	7	21	12	8	96	10	96	25	45	9
8	84	16	9	7	12	84	3	10	5	12	5	10	50	13	23
5	17	6	1	12	7	51	14	15	7	5	17	25	44	10	70
96	19	20	11	6	11	47	13	14	48	2	23	10	2	5	2
21	70	7	14	3	4	11	44	11	8	12	5	12	3	51	11
4	6	8	48	7	45	10	5	21	4	9	3	26	27	2	6

Name: _____

Find 2 equations hidden in each box. Good luck!

8 - 1

4 - 4

7

6

4 - 2

3 - 0

3 - 2

1

Write 2 equations: _____ _____

73 + 5

91

38

65

15

44 + 4

26

1 + 81

8 + 10

78

31

12 + 1

4 + 11

4 + 75

100

72

89 + 7

57

Write 2 equations: _____ _____

43

20 + 6

12

23

31

17 + 6

83

39

81 + 2

48

2 + 93

30

4 + 55

58

46 + 3

29

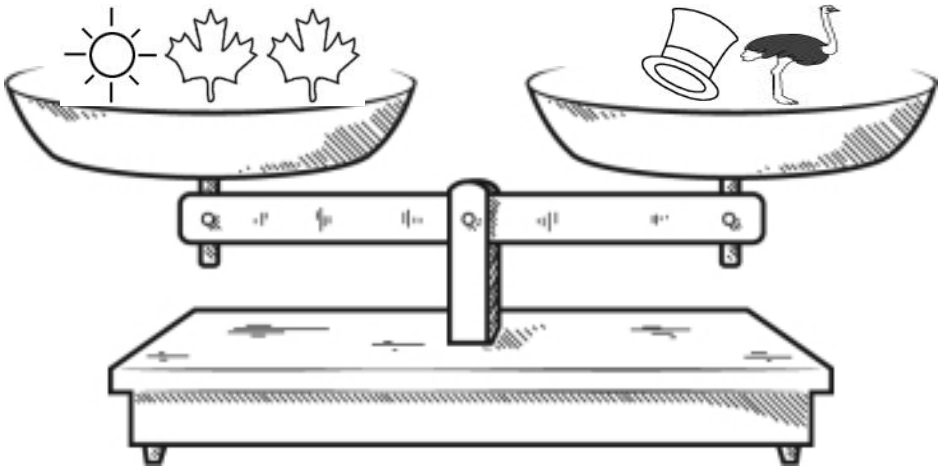
94

88

9 + 99

Write 2 equations: _____ _____

Name: _____



It may help to give values to pictures.

☀ = 2 | 🍁 = 3 | 🎩 = 2 | 🪶 = ____

You should only mark TRUE if you are absolutely sure it is correct!

🍁☀ < 🎩🪶 ☐ True ☐ False

🍁☀🍁 < 🪶 ☐ True ☐ False

☀🍁🍁🐦 = 🎩🪶🐦 ☐ True ☐ False

☀🍁🍁🐦 > 🎩🪶🐦 ☐ True ☐ False

☀🍁🍁⛸ = 🎩🪶⛸⛸⛸ ☐ True ☐ False

Did you find that two are true? If not, look again!

word root **pro** can mean **forward or outward** **program, provide**

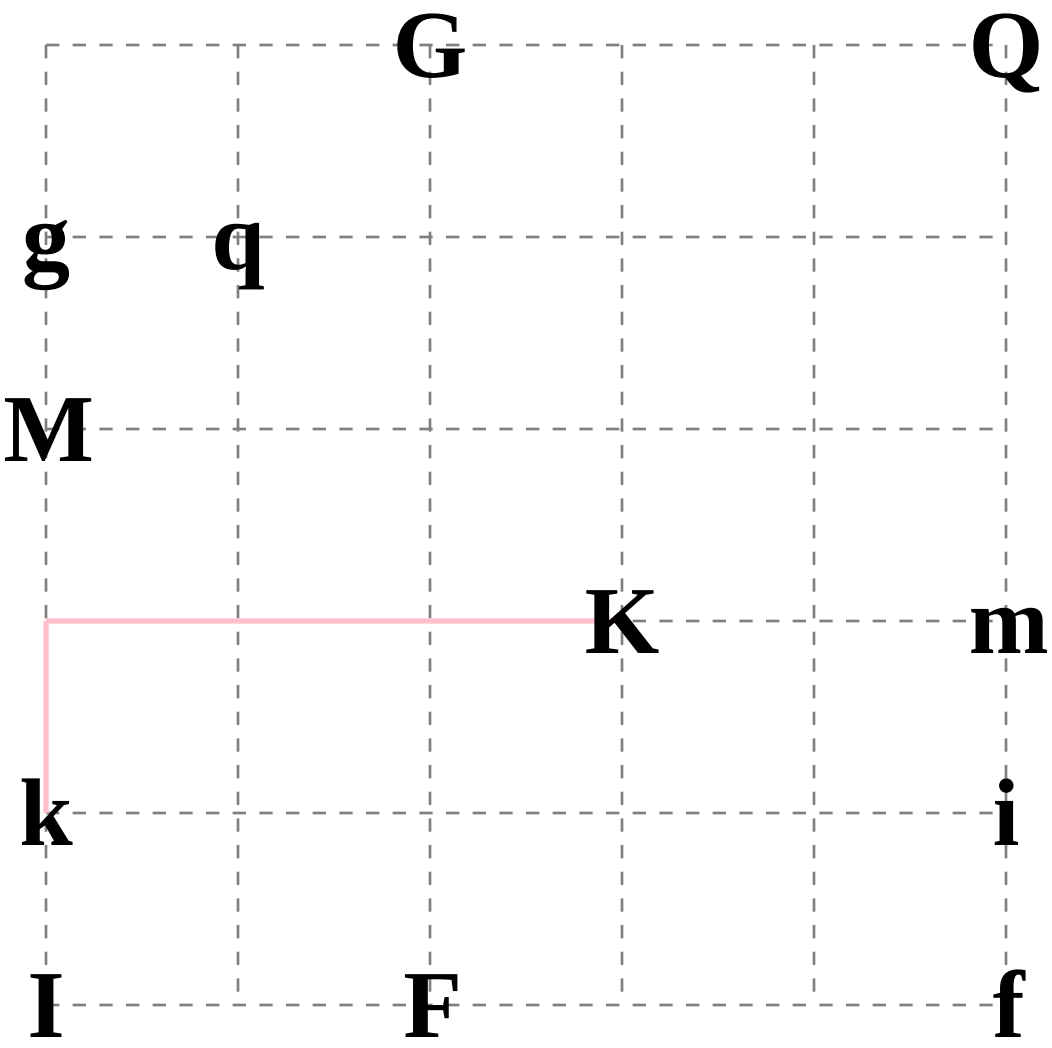
Name _____ Date _____

Letters Kissing

Each uppercase letter needs to kiss the same letter but in lowercase.

Draw a line that connects one letter to one other letter to kiss. Draw your lines over the trace lines. No lines may cross. Once you draw a line to a letter, that letter cannot be used again.

One complete line has already been drawn for you.



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More spelling!
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More history!
CLASS RULES
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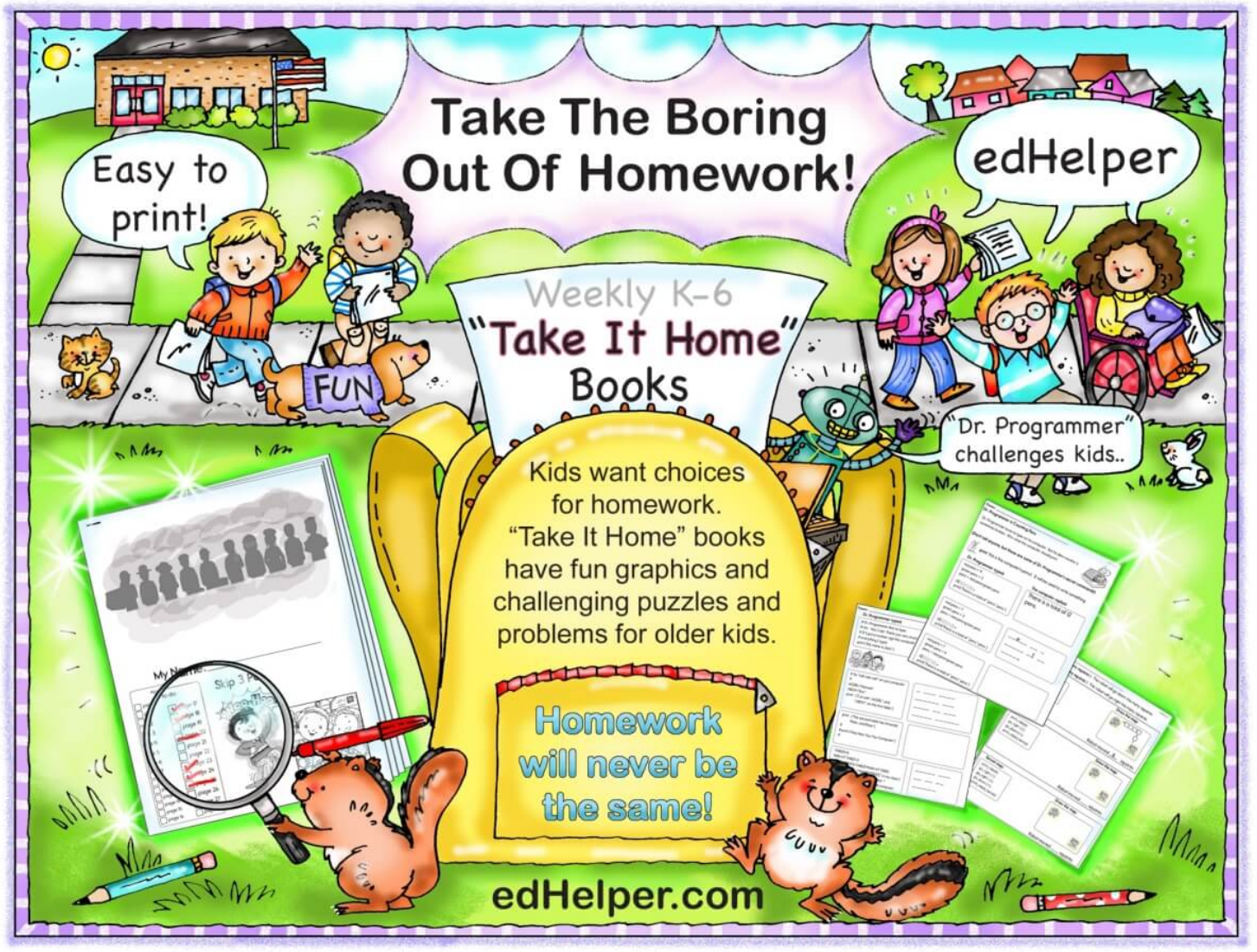
New ideas!
More puzzles!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