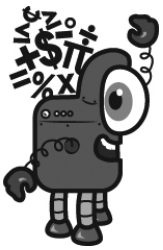
Name: _____

Mental Math — #1 —



❑ Start with the number of legs on 3 pigs. 12

❑ Double that number. _____

2 9 8 4 3 1 2 4 4 0 (Circle your answer to double check you are correct.)

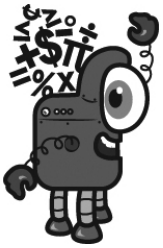
❑ Add the number of days in a week. _____

8 3 1 2 3 8 5 5 7 9

❑ Round that number to the nearest ten. _____

4 7 3 0 3 0 5 5 9 7

Mental Math — #2 —



☼ Count by fours. Start with the number that comes after 1. _____

8 5 6 5 5 9 4 4 7 8 (Circle your answer to double check you are correct.)

☼ Add the number of legs on 3 ducks. _____

1 1 7 0 3 7 8 7 2 5

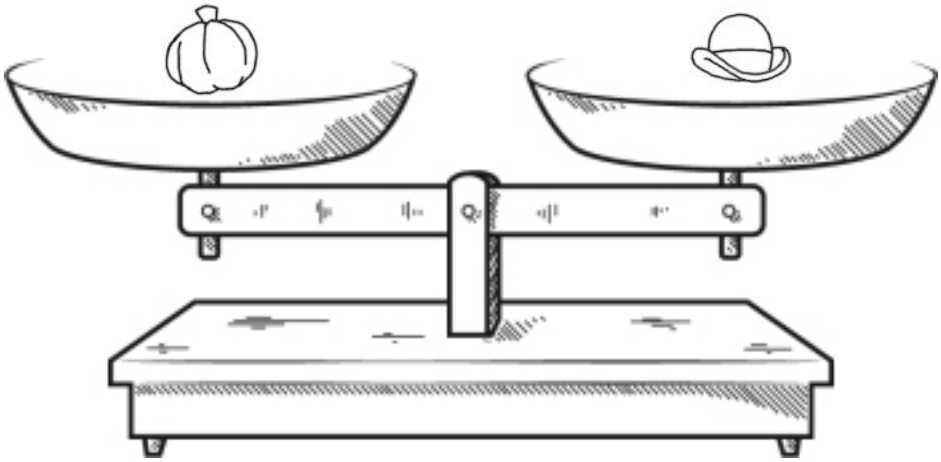
☼ Double that number. _____

9 9 6 9 2 2 5 3 8 2

☼ Increase that number by 7. _____

6 9 4 5 1 0 7 2 9 0

Name: _____



Look at the balance. What does it tell you? Write a sentence to explain.

_____

☐ True ☐ False

☐ True ☐ False

☐ True ☐ False

☐ True ☐ False

Did you find that one is true? If not, look again!
You should only mark TRUE if you are absolutely sure it is correct!

17, ____, ____, 20, 21,

____

Which number should replace the first blank?

38 + 437 = 475
Using the commutative property of addition, what do you think 437 + 38 is?

$$\begin{array}{r} 10 \\ -\ 8 \\ \hline \end{array}$$

Name: _____

Amy had 17 walnuts. She gave Sara 7 walnuts. How many walnuts does she have left?	Peter reads for 28 minutes. Rose reads for 14 minutes. How many more minutes does Peter read than Rose?	Amanda has twelve books. Three books have red covers. How many books do not have red covers?

Write how much to add or subtract.

12 (- 5) 7 (- 5) 2

Start with 12.

Subtract 5. Repeat.

25 ( ) 15 ( ) 5

Start with _____.

Subtract _____. Repeat.

7 ( ) 10 ( ) 13

Start with _____.

Add _____. Repeat.

1 ( ) 9 ( ) 17

Start with _____.

Add _____. Repeat.

12 ( ) 10 ( ) 8

Start with _____.

Subtract _____. Repeat.

16 ( ) 10 ( ) 4

Start with _____.

Subtract _____. Repeat.

3 ( ) 10 ( ) 17

Start with _____.

Add _____. Repeat.

9 ( ) 18 ( ) 27

Start with _____.

Add _____. Repeat.

14 ( ) 10 ( ) 6

Start with _____.

Subtract _____. Repeat.

Name: _____

I hope it doesn't rain again. It rained three inches yesterday and another inch today. How many inches has it rained?

Maria's grandmother is 74 years old. Gavin's grandmother is 81 years old. How much older is Maria's grandmother than Gavin's grandmother?

Circle each odd number that is greater than 437.

841	843	412	671	545
252	670	832	960	601
751	384	573	882	493
346	998	324	722	663
720	817	529	423	985

$$\begin{array}{r} 17 \\ +\ 41 \\ \hline \end{array} \qquad \begin{array}{r} 54 \\ +\ 87 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ -\ 32 \\ \hline \end{array} \qquad \begin{array}{r} 37 \\ -\ 23 \\ \hline \end{array} \qquad \begin{array}{r} 97 \\ -\ 25 \\ \hline \end{array} \qquad \begin{array}{r} 97 \\ -\ 23 \\ \hline \end{array}$$

five hundred seventy-four

Write the missing sign.

12 ___ 9 = 3

Write the number that comes before.

_____	177	_____	95
_____	492	_____	60
_____	669	_____	388

$$\begin{array}{r} 68 \\ -\ 63 \\ \hline \end{array}$$

Name: _____

A jar holds six red marbles and three blue marbles. How many marbles are in the jar?

6 + 3 = ____

There are _____ marbles in the jar.

Lucas and his dad are helping plant trees in a park. In the morning, they planted four trees. After lunch they planted four trees. How many trees did they plant in all?

4 + 4 = ____

They planted _____ trees.

Anne had eight muffins. She baked seven more muffins. How many muffins did she bake altogether?

8 + 7 = ____

She baked _____ muffins altogether.

What is going on in the picture? Write a topic and a title to describe the picture.

Topic: _____

_____

Title: _____

_____

Write how much to subtract to get from the first number to the second number.

7 (- 4) 3	8 ◯ 5	6 ◯ 1	10 ◯ 4	6 ◯ 2
13 ◯ 8	12 ◯ 9	13 ◯ 7	9 ◯ 6	7 ◯ 1
13 ◯ 8	7 ◯ 3	9 ◯ 4	8 ◯ 5	15 ◯ 9

Write the missing sign.

11 ___ 1 = 12

9 + 5 = ☐

3 + 9 = ☐

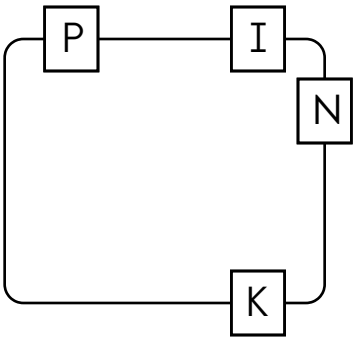
7 + 2 = ☐

6 + 2 = ☐

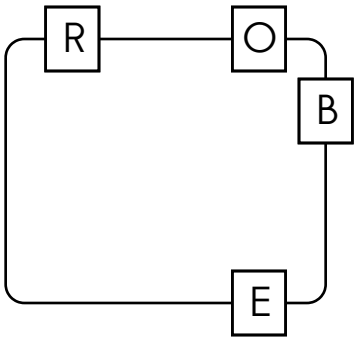
Name: _____

Kevin took 5 shirts to the thrift shop. Then he took 4 more shirts. How many shirts did he take in all?	Mrs. Miller sold 6 apple pies. Anna sold 4 cherry pies. How many pies were sold in all?	Daniel has 9 friends. Chris has 10 friends. Which boy has an odd number of friends?

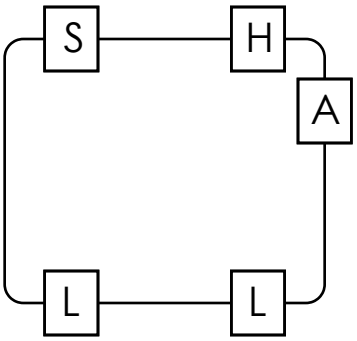
Write the hidden word. Start at one letter and then move either left or right. Continue in same direction.



_____



_____



_____

7 is more than ○ 7 ○ 8 ○ 6	nine ○ 13 ○ 3 ○ 9	6 tens and 9 ones ○ 9 ○ 96 ○ 69

WINTER K W I N T O R R W I N T E R I N U L Q O N

ON M C Y O N N F K A O N Z N V O O N N G O B

AN A N A A N M Y B G E A X D F S J A A N C P

word root **re** can mean **again or back** **receptive, receptor, repugnant**

Name: _____

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

8 - ~~5~~ = _____

8 - 5 = _____

Draw ×

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

11 - × = 5

11 - ___ = 5

Draw □ and ×

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

13 - × = 11

13 - ___ = 11

Draw □ and ×

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

7 - × = 0

7 - ___ = 0

Draw □ and ×

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

1 - × = 0

1 - ___ = 0

Draw □ and ×

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

12 - × = 6

12 - ___ = 6

Name: _____

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

9 - 6 = _____

9 - 6 = _____

Draw ×

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

16 - × = 13

16 - ___ = 13

Draw □ and ×

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

□ - 3 = 13

___ - 3 = 13

Draw □ and ×

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

13 - × = 8

13 - ___ = 8

Draw □ and ×

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

□ - 1 = 8

___ - 1 = 8

Draw □ and ×

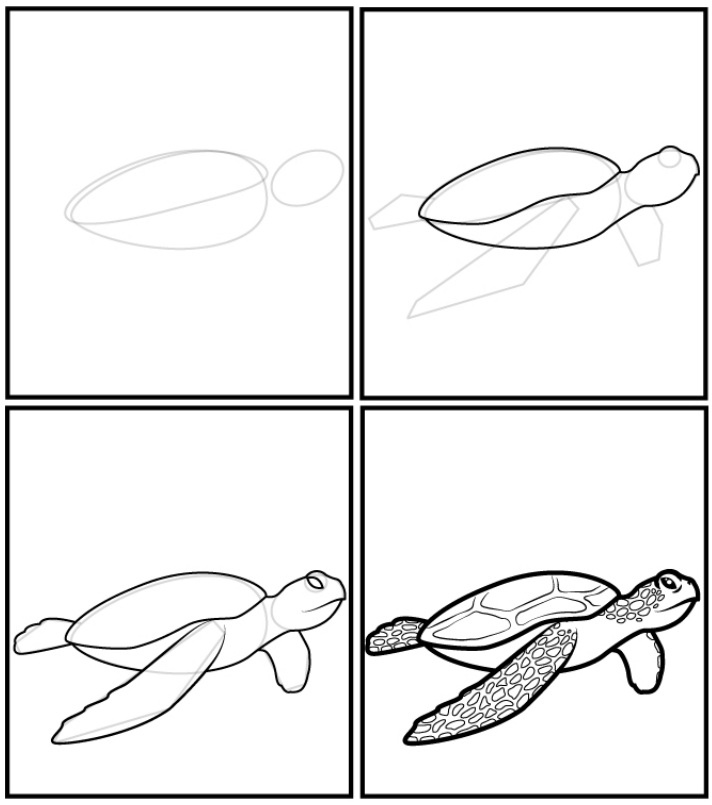
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

10 - × = 6

10 - ___ = 6

Name: _____

13 - 5	2 - 1	17 - 16	15 - 4	20 - 6	17 - 9
17 - 3	7 - 2	18 - 15	3 - 1	7 - 1	5 - 4



Draw it.
What can you add to your picture?

I added _____

15 - 1	19 - 1	20 - 20	13 - 8	10 - 10	20 - 7

Name: _____

17 - 3	20 - 4	16 - 8	14 - 3	19 - 17	10 - 9
13 - 2	19 - 16	17 - 8	20 - 1	16 - 6	15 - 3

18 - 15 =	15 - 7 =	7 - 7 =
16 - 12 =	9 - 4 =	11 - 10 =
18 - 14 =	2 - 2 =	11 - 7 =
13 - 6 =	12 - 3 =	15 - 10 =

11 - ___ = 2	14 - ___ = 2	17 - ___ = 3
19 - ___ = 17	20 - ___ = 17	20 - ___ = 18
15 - ___ = 14	17 - ___ = 10	13 - ___ = 1
17 - ___ = 13	18 - ___ = 17	18 - ___ = 14

20 - 8	14 - 14	14 - 13	12 - 5	15 - 13	20 - 18

Name: _____

11 − 8	4 − 4	13 − 3	3 − 1	1 − 1	14 − 3
15 − 2	6 − 3	17 − 8	10 − 3	12 − 4	9 − 4

17 - 3 =	15 - 1 =	16 - 10 =
4 - 1 =	8 - 5 =	8 - 7 =
20 - 20 =	18 - 8 =	14 - 14 =
20 - 14 =	14 - 1 =	20 - 12 =

15 - ___ = 8	14 - ___ = 2	___ - 6 = 13	___ - 19 = 0
14 - ___ = 10	15 - ___ = 10	___ - 4 = 1	___ - 8 = 0
18 - ___ = 9	___ - 16 = 0	16 - ___ = 5	___ - 10 = 9
___ - 4 = 12	18 - ___ = 6	18 - ___ = 13	___ - 7 = 4

15 − 6	16 − 15	10 − 7	15 − 11	20 − 19	2 − 2

Name: _____

Write your starting time.

[ ] : [ ]

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

Write your ending time.

[ ] : [ ]

Make your own equations.

[ ] - [ ] = [ ]	16 - [ ] = [ ]
[ ] - 9 = [ ]	20 - [ ] = [ ]
[ ] - 8 = [ ]	[ ] - 18 = [ ]
10 - [ ] = [ ]	14 - [ ] = [ ]

Name: _____

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

Dark lines surround a block. Numbers to use in a block:

A block with 1 space has to be the number 1.
A block with 2 spaces must have the numbers 1 and 2.
A block with 3 spaces must have the numbers 1, 2, and 3.
A block with 4 spaces must have the numbers 1, 2, 3, and 4.

4	1		
3	2		
4	1	3	1
3	2	4	2

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

1 4 2 3

4	2	4	2
1	3	1	3
		4	2
		1	3

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

3 1 2 4

2	3	2	3
4		4	1
	2		2
1	4	1	

Hint - These numbers are missing:

3 4 1 3

2	4	2	
	1		1
4	2	4	2
1	3		3

Hint - These numbers are missing:

4 3 1 3

word root **retro** can mean **backward** **retrospect, retrospection, retrospective**

Name: _____

Fill in the missing numbers.

	1	4	
	2		2
4		4	
3	2	3	2

Hint - These numbers are missing:

3 1 3 1 4 1

1	2	1	
		4	3
2		2	1
3	4		

Hint - These numbers are missing:

1 3 4 3 2 4

	4	3	1
3			
	4	3	1

Hint - These numbers are missing:

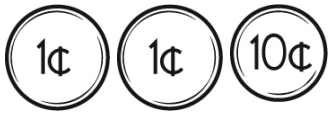
2 1 2 4 2

		2	1
2			4
3	1		1

Hint - These numbers are missing:

3 1 4 3 2

How much is this?



8, 10, 12, 14, _____, 18, 20, 22

Circle the third letter.

Z, B, 6, 2, D, 1, 3, X, 4, A, 7, F, R, 1, X, 3, 5

2 + 4 =	3 + 4 =	7 + 6 =	5 + 7 =	7 + 5 =	7 + 7 =

Name: _____

How many?

How many?

How many?

D, I, N, _____, X

Which shows the equation two plus eight equals ten?

Write these numbers in order from smallest to largest.

5, 9, 4

C, E, G, I, K, M, _____, Q, S

5 + 2 = ___

6 + 2 = ___

How much is this?

What comes before and after?

___, 90, ___

___, 112, ___

Circle the even numbers.

8 41 36

2 29 14

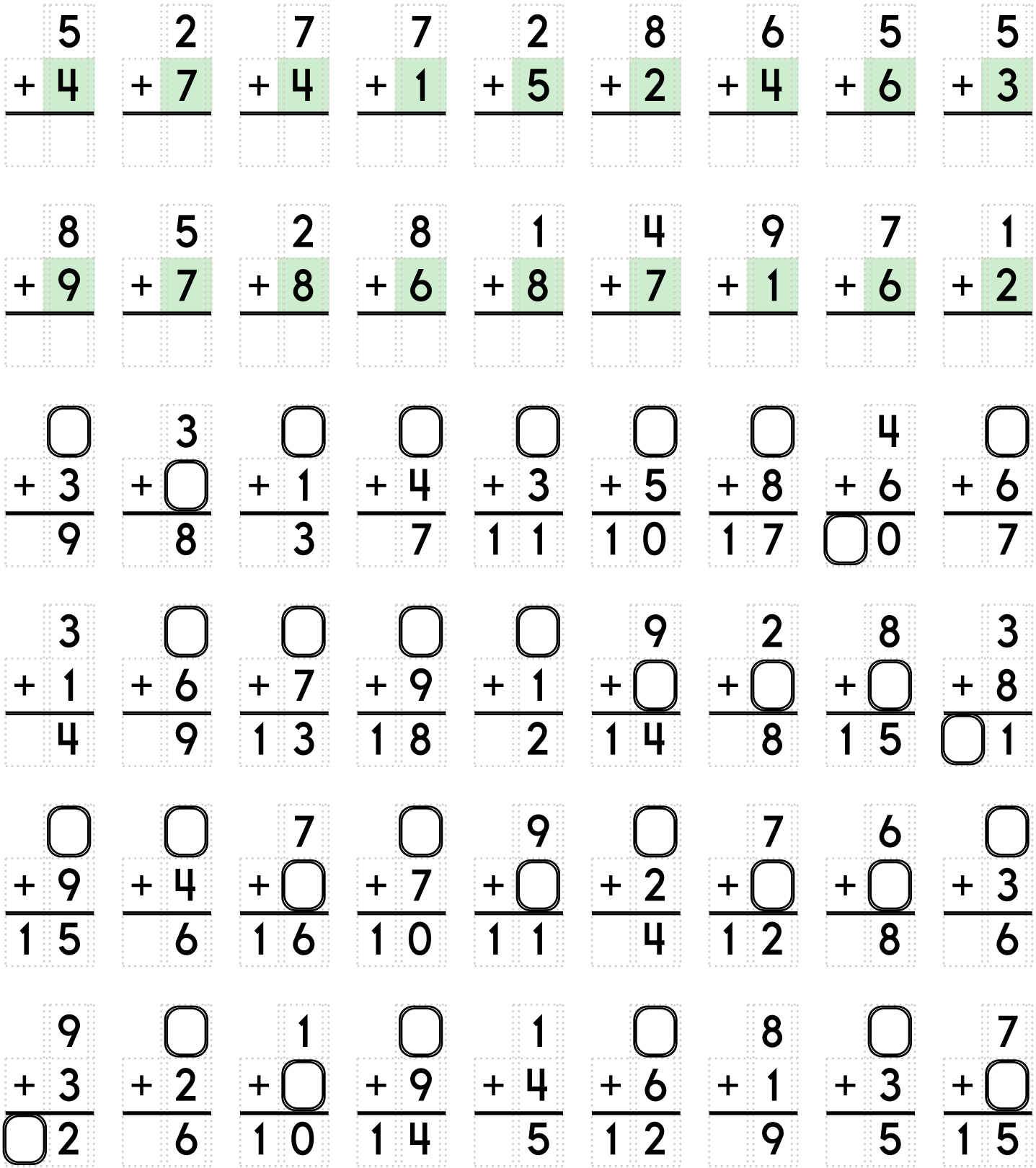
57 163 385

Write these numbers in order from largest to smallest.

2, 13, 14

___, ___, ___

Name: _____


5 + 4
2 + 7
7 + 4
7 + 1
2 + 5
8 + 2
6 + 4
5 + 6
5 + 3
8 + 9
5 + 7
2 + 8
8 + 6
1 + 8
4 + 7
9 + 1
7 + 6
1 + 2
□ + 3 = 9
3 + □ = 8
□ + 1 = 3
□ + 4 = 7
□ + 3 = 11
□ + 5 = 10
□ + 8 = 17
4 + 6 = □0
□ + 6 = 7
3 + 1 = 4
□ + 6 = 9
□ + 7 = 13
□ + 9 = 18
□ + 1 = 2
9 + □ = 14
2 + □ = 8
8 + □ = 15
3 + 8 = □1
□ + 9 = 15
□ + 4 = 6
7 + □ = 16
□ + 7 = 10
9 + □ = 11
□ + 2 = 4
7 + □ = 12
6 + □ = 8
□ + 3 = 6
9 + 3 = □2
□ + 2 = 6
1 + □ = 10
□ + 9 = 14
1 + 4 = 5
□ + 6 = 12
8 + 1 = 9
□ + 3 = 5
7 + □ = 15

Name: _____

Complete each pattern.

4, O, 1, 4, O, 1, 4, O, 1, 4, ___, ___, 4, O
o, V, t, o, V, t, ___, ___, t, o, V, t, o

Find the missing numbers. These both have the same rule. What is the rule?

If

1 , 1 = 2

2 , 2 = 4

3 , 3 = 6

4 , 4 = 8

Then

5 , 5 = ?

If

6 , 6 = 12

7 , 7 = 14

8 , 8 = 16

9 , 9 = 18

Then

10 , 10 = ?

Name: _____

Fill in the blank with a number.

40 > ____	____ > 32	____ < 47
____ > 21	10 < ____	____ > 69
62 < ____	____ > 53	20 = ____

Write the missing letter.

w t h

___ ogether

___ alk

___ is

Count by 1.

2 ____ ____ 5

4 is 2 more than ____ .

4 + 3	4 + 4

six	9 + 2
13 - 5	11 - 4

Circle the words.

beewaterpurplefeddrawlinefeeltubekeeplooksicksang

What is the sum of 5 + 1 + 4?

○ 15 ○ 4 ○ 9 ○ 10

twelve

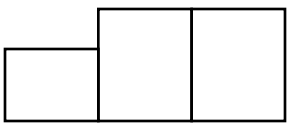
○ 12 ○ 19 ○ 11

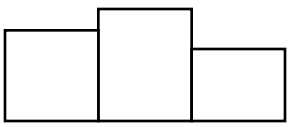
What is the difference for 15 - 2?

○ 9 ○ 15 ○ 13 ○ 16

Write the words into the boxes.

off
its





Count by 5s.

30 ___ 40

Name: _____

l	c	r	e	e	p	b	d	t	e
h	t	w	e	p	e	k	e	e	h
j	b	e	s	p	k	p	e	e	k
e	e	e	l	p	p	e	p	r	e
e	e	p	e	s	h	e	e	p	e
p	p	e	e	e	p	u	f	c	p
p	l	e	p	s	s	t	e	e	p
r	p	s	t	e	p	t	p	e	s

How many -EP words can you find in the word search? Write the words you find.

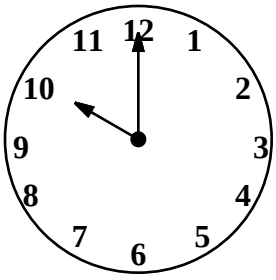
jeep _____ _____ _____ _____ _____

Count by 1.

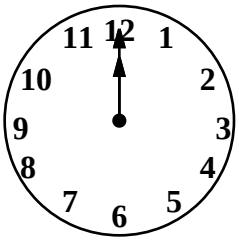
4 _____ 6 7

5 is _____ more than 4.

9 - 4



_____ : 00



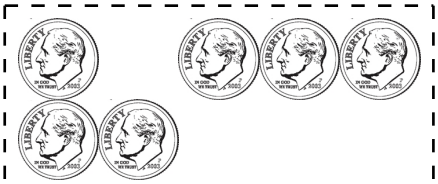
_____ : 00

5 + 7 = ☐

10 - 4

Count by 10s.

= 10 ¢



How much?

_____ ¢

3 + 2 = ☐

Write the missing letter to spell **well**.

w_ll we_l _ell

7 + 5 = ☐

8 + 7 = ☐

8 + 9 = ☐

9 tens and 5 ones

○ 604 ○ 95 ○ 9

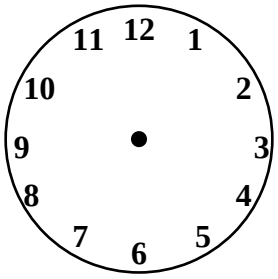
3 is more than

○ 2 ○ 4 ○ 3

4 - 0 = _____

○ 4 ○ 6 ○ 12

Show 1 o'clock.



Circle the two numbers that make 8.

2	1	7	6	2	3
5	2	7	3	4	1	3	4

7 - 6

Name: _____

Addition and Subtraction Within 20

20 - 12 = _____	16 - 9 = _____	19 - 14 = _____	20 - 6 = _____
1 + 19 = _____	12 + 7 = _____	12 + 7 = _____	17 - 14 = _____
7 + 10 = _____	14 + 4 = _____	20 - 19 = _____	15 + 1 = _____
19 - 1 = _____	1 + 18 = _____	15 - 1 = _____	3 + 14 = _____
18 - 4 = _____	18 - 4 = _____	19 - 7 = _____	5 + 14 = _____

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

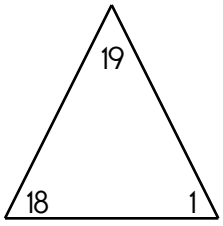
15 - 1 = _____	12 + 7 = _____	20 - 13 = _____	20 - 12 = _____
19 - 14 = _____	18 - 4 = _____	3 + 14 = _____	20 - 13 = _____
1 + 17 = _____	7 + 12 = _____	16 + 1 = _____	17 - 14 = _____

Name: _____

Addition and Subtraction Within 20

18 - 11 = _____	17 - 10 = _____	15 - 1 = _____	10 - 1 = _____
16 - 9 = _____	1 + 1 = _____	6 - 1 = _____	10 + 1 = _____
14 - 1 = _____	19 - 1 = _____	8 - 1 = _____	20 - 12 = _____
9 + 1 = _____	12 - 1 = _____	18 + 1 = _____	11 - 1 = _____
20 - 19 = _____	9 - 1 = _____	16 + 1 = _____	16 + 1 = _____
19 - 12 = _____	18 - 1 = _____	19 - 1 = _____	1 + 15 = _____
15 - 1 = _____	1 - 1 = _____	1 + 5 = _____	1 + 12 = _____
20 - 6 = _____	1 + 6 = _____	18 - 11 = _____	16 - 14 = _____
18 + 1 = _____	18 - 4 = _____	15 - 1 = _____	6 + 1 = _____

Fill in the blanks using numbers from the fact family.



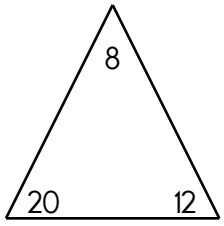
☐ + ☐ = ☐

☐ + ☐ = ☐

☐ - ☐ = ☐

☐ - ☐ = ☐

Fill in the blanks using numbers from the fact family.



☐ + ☐ = ☐

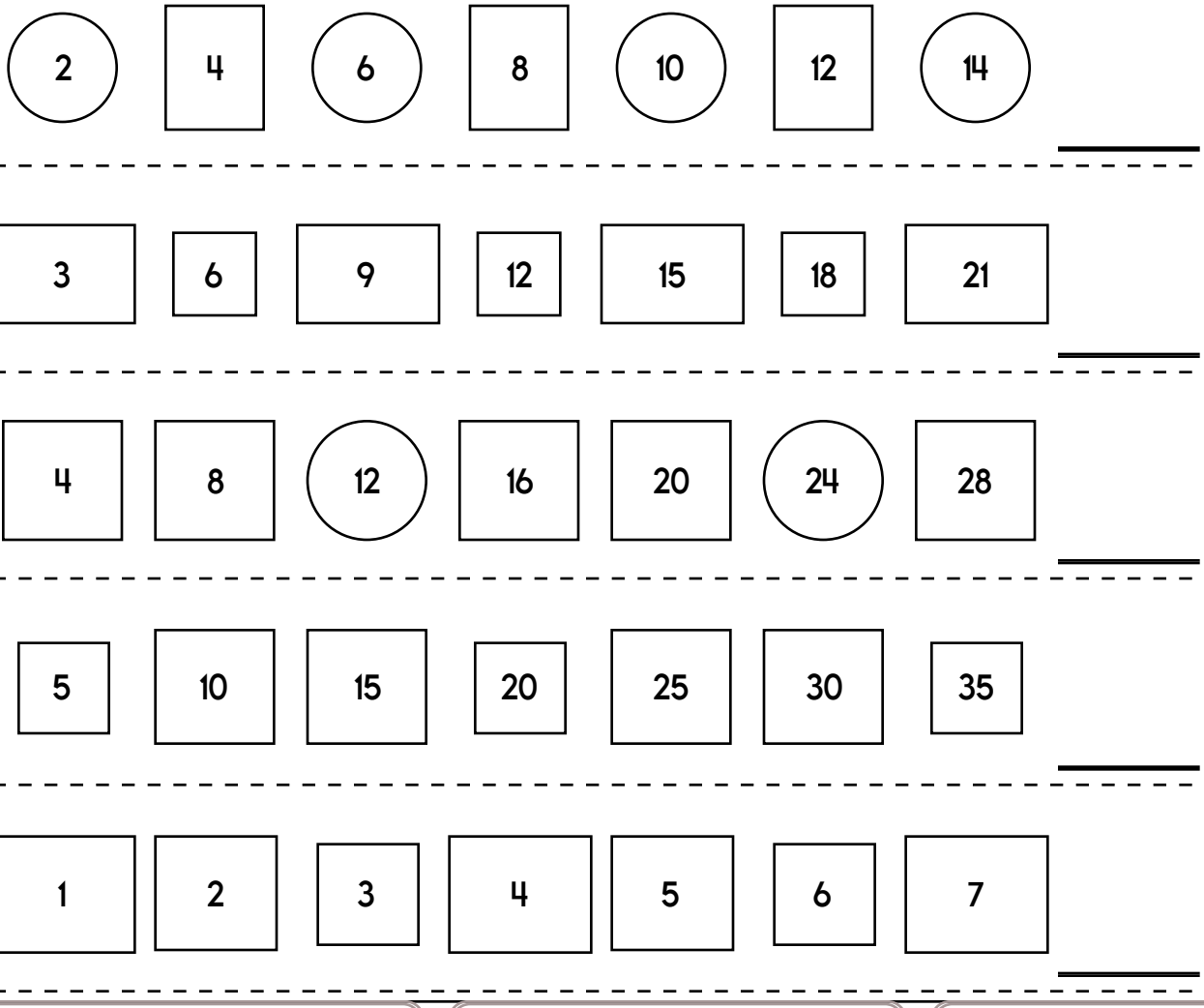
☐ + ☐ = ☐

☐ - ☐ = ☐

☐ - ☐ = ☐

Name: _____

Complete the pattern.



Circle the third number.

D, 7, A, X, 2, 5, R, B, F, 4, 1, 1, 1, 4, Z, 2, X, Z

58, 59, ____, ____, ____, ____, 64

Which number should replace the first blank?

9, 18, 27, 36, 45, 54, 63, _____, 81

Circle all the ways to make 7.

4 + 3 4 + 4 2 + 5
5 + 4 6 + 1 2 + 7

What is ten less than 63?

What is ten more than 77?

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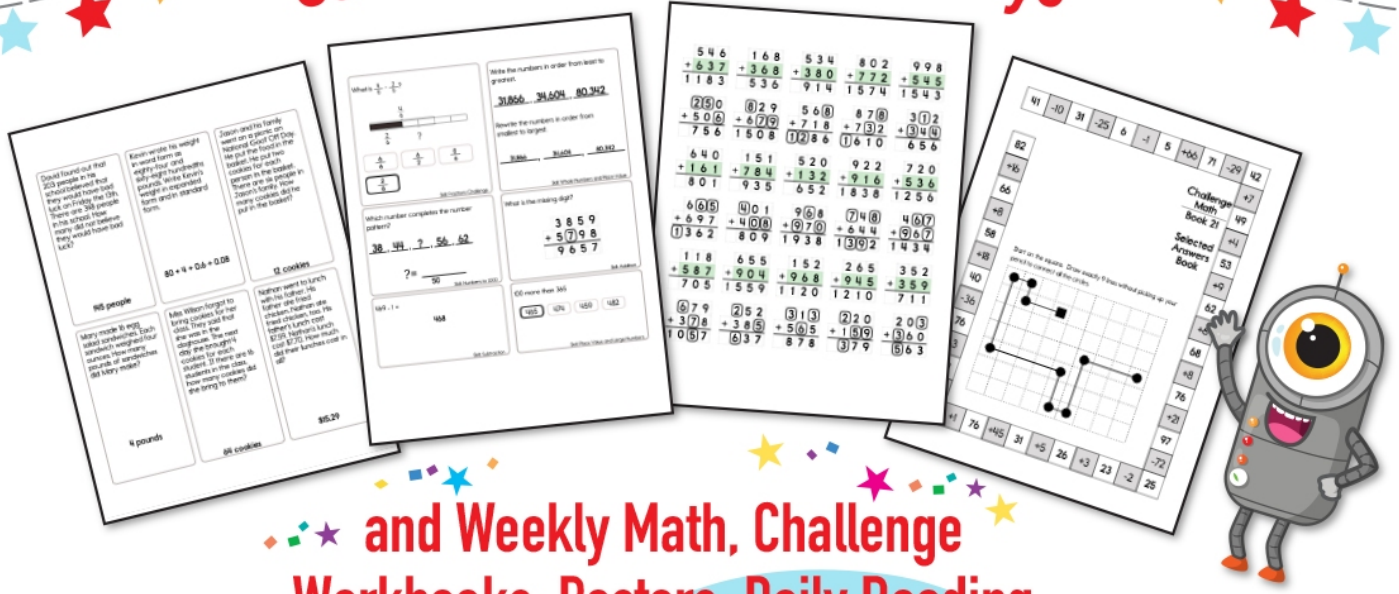

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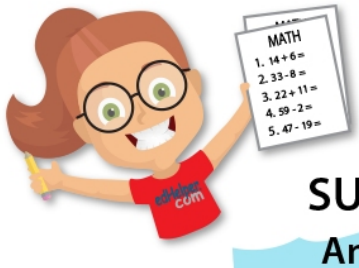

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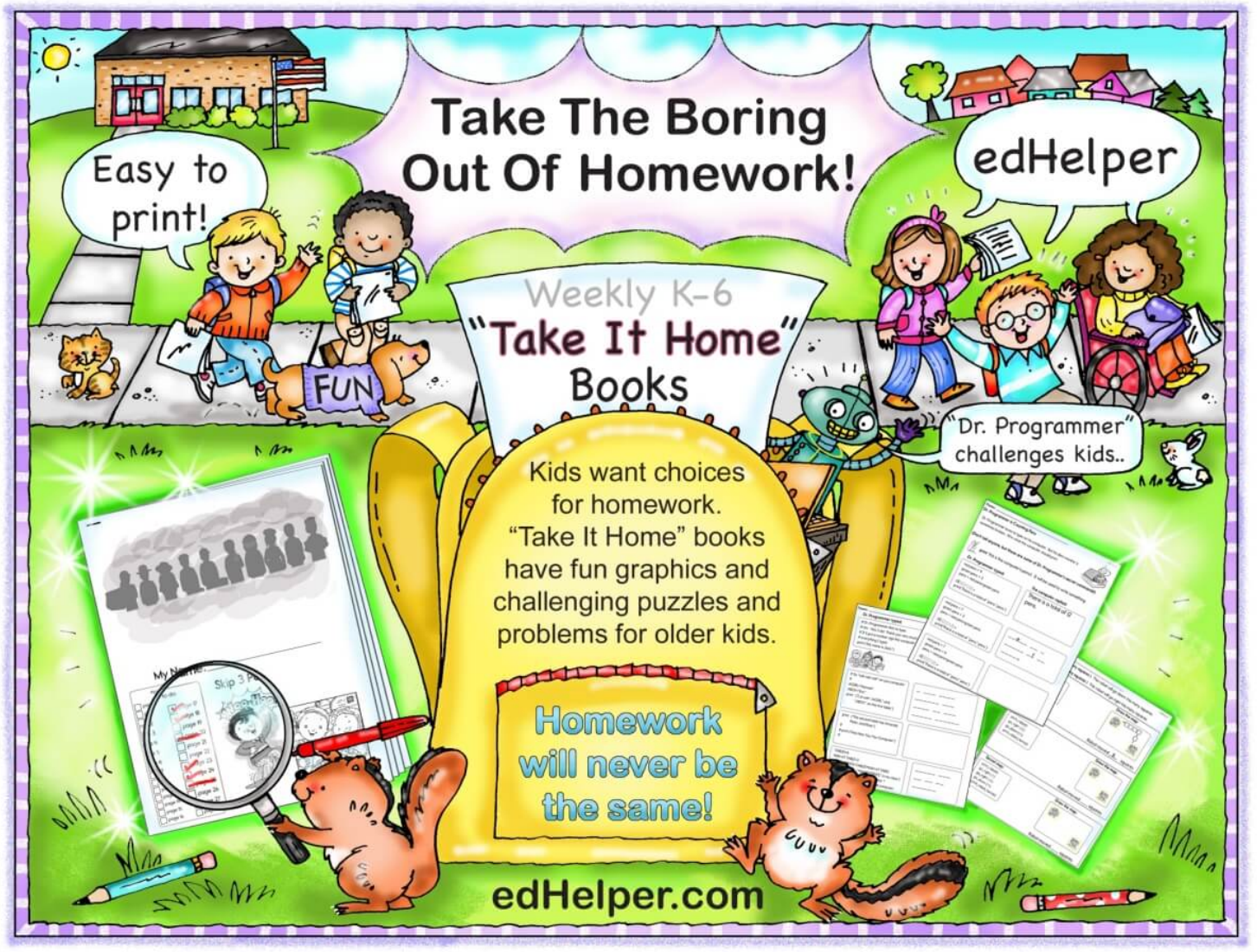
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