17	+2		-12		+8		-4		-3	
2										-6
-9										+7
+6										-5
-13										-1
-8										-3
-4										+4
										4
-5										+14
	+35		-8		+1		-9		-2	

Name: _____

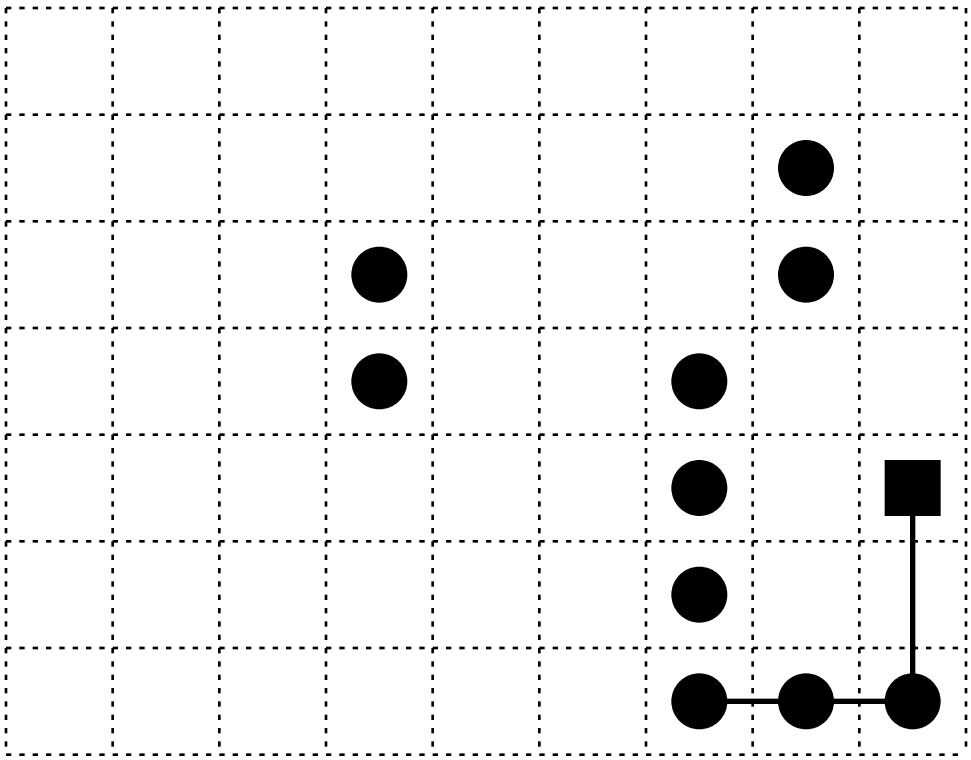
Pick 25 to do: Skip 2 pages.

☐ page 1	☐ page 7	☐ page 13	☐ page 19	☐ page 25
☐ page 2	☐ page 8	☐ page 14	☐ page 20	☐ page 26
☐ page 3	☐ page 9	☐ page 15	☐ page 21	☐ page 27
☐ page 4	☐ page 10	☐ page 16	☐ page 22	
☐ page 5	☐ page 11	☐ page 17	☐ page 23	
☐ page 6	☐ page 12	☐ page 18	☐ page 24	

Challenge Math

Book 38

Start on the square. Draw exactly 7 lines without picking up your pencil to connect all the circles.



Name: _____

"Go Justin!" yelled Sarah, the birthday girl.
Whack! He got 7 pieces of candy.
Amy went next. Whack! She got 11 pieces of candy. "Wow!" said Sarah.
Sarah went next. Whack! She missed. "Sorry," said Justin.
Even though Justin was sincere, a tear came out. "Hey," said Amy. "We can share our candy evenly with you."
You would not believe how big Sarah's smile was. Sarah, Justin, and Amy shared their candy equally.
And now for the BIG question. How many pieces of candy did the birthday girl get?

Name: _____

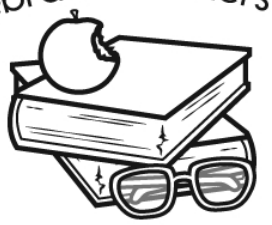
David walked in the woods. He found 9 red leaves. He found 6 yellow leaves. He gave 4 leaves to his mother. How many leaves did he have left?	Hunter delivers 25 newspapers. Jason delivers 36 newspapers. How many do they deliver in all?	Peter hated green peas. There were 22 peas on his plate. His mother said he had to eat them. "Yuck!" Peter said. He put 7 peas in his mouth. How many peas were left on his plate?

add the ending ing	add ing	double final consonant add ing	drop e add ing	oddball
1. fight fighting	☒	☐	☐	☐
2. look _____	☐	☐	☐	☐
3. slant _____	☐	☐	☐	☐
4. side _____	☐	☐	☐	☐
5. put _____	☐	☐	☐	☐
6. shine _____	☐	☐	☐	☐
7. number _____	☐	☐	☐	☐
8. rain _____	☐	☐	☐	☐

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

Name: _____

Celebrate Teachers' Day



Crack the Code

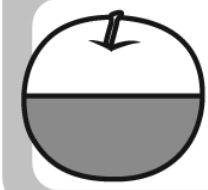
a	c	e	h	k	n	r	t	!
15 +5	17 +13	31 +29	4 +6	58 +12	29 +21	73 +17	54 +26	26 +14

80 10 20 50 70 20 80 60 20 30 10 60 90 40

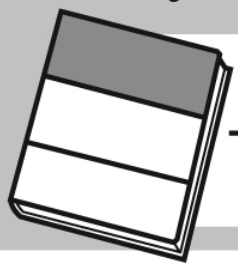
84 + 37 =	38 + 55 =	77 + 64 =	49 + 58 =	27 + 96 =

Fractions

Fill in the missing information.



$\frac{1}{2}$

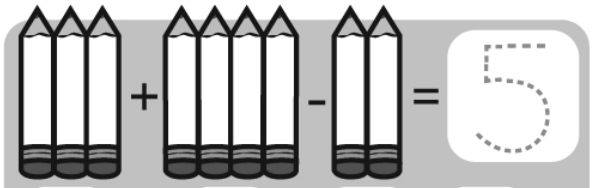


$\frac{1}{\quad}$

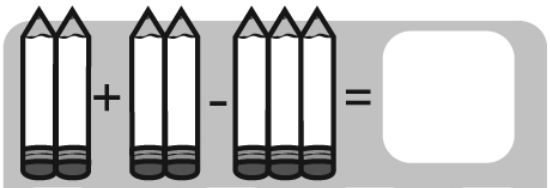
$\frac{3}{4}$

$\frac{\quad}{7}$

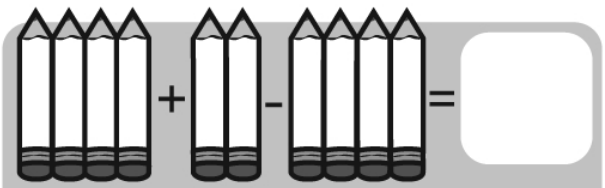
Add and Subtract



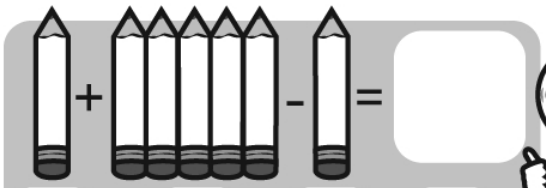
3 + 4 - 2 = 5



__ + __ - __ = __



__ + __ - __ = __

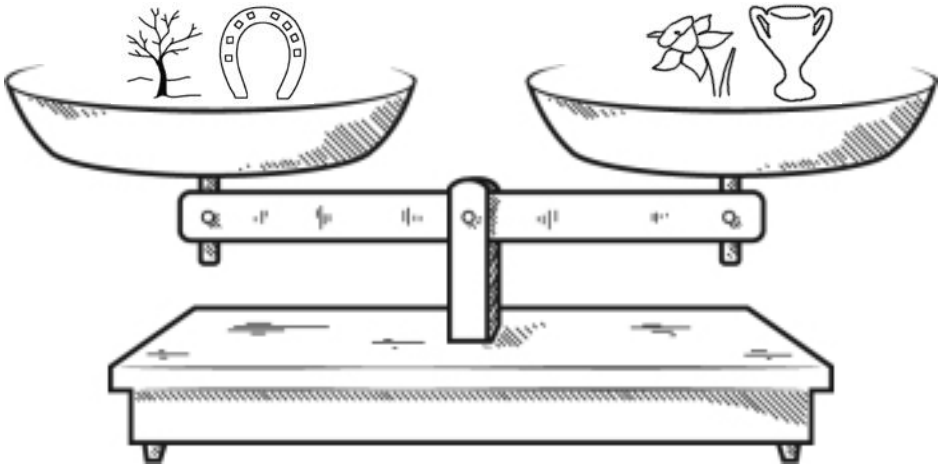


__ + __ - __ = __

☐ I did page 4 ☐ I decided to skip this page

edHelper

Name: _____



It may help to give values to pictures.

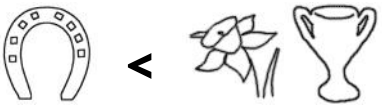
= 3

= 11

= 5

= ____

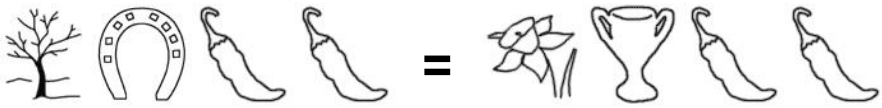
You should only mark TRUE if you are absolutely sure it is correct!



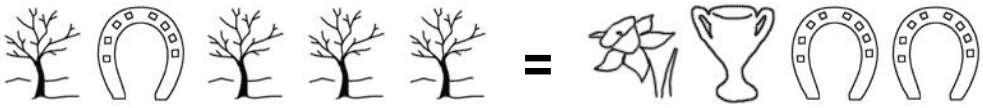
☐ True ☐ False

☐ True ☐ False

☐ True ☐ False



☐ True ☐ False



☐ True ☐ False

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

word root **mob** can mean **move** **mobilize, immobile**

Name: _____

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

O B N I G H T S
N A H T S F H
T C O R T L U E
W K P E O U N L
E P E E N C N P
L A F S E K Y F
V C U M O R E U
E K L M I X L

Write the words found.

HELPFUL _____ NIGHTS _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

N C P A N S R
O S H L M T I
T T I A J O R P
E R L N U N A Y
B I D E M T W O
O P R T P H S U
O E E S H U N G
K S N T O O T H

Write the words found.

TOOTH _____ CHILDREN _____ _____

_____ _____ _____

_____ _____ _____

_____ _____ _____

Name: _____

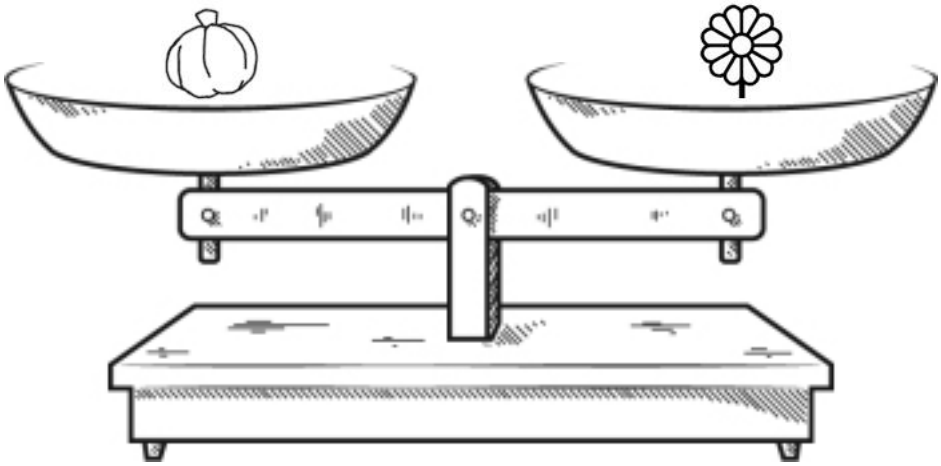
s v a j u m p m e y t o n i g h t s
h h c u p i a v s l k b o u l h p e
r s o e o h f u n n y a h y m n f s
u b m w t u n m k n a c e t o y p t
o n o e r n t r e e s k l l r t m o
r e s k r g o l h i i p p u e o o n
h o f x e b b o e a m a f c g o n e
u h n o t e b o o k s c u k t t t p
c u h o p e f u l p s k l e w h h l
n h o r i p g v m s t s o n e o h a
s t r i p e s i f h t d r i l p l n
h t m y i m l e k h h l n y v e c e
u d i s o s t r a w s f s o e b b t
e t x o h t s t u a c a n u t u x s
d t w y s c h i l d r e n e a n n h

How many of the words can you find from the previous page?

☐ I did page 7 ☐ I decided to skip this page

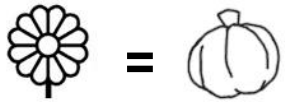
edHelper

Name: _____

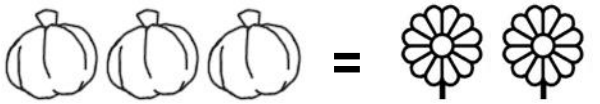


Look at the balance. What does it tell you? Write a sentence to explain.

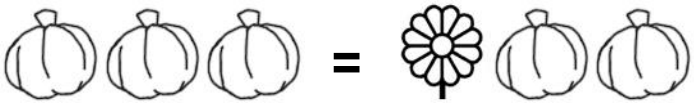
_____



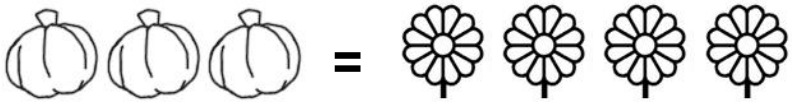
☐ True ☐ False



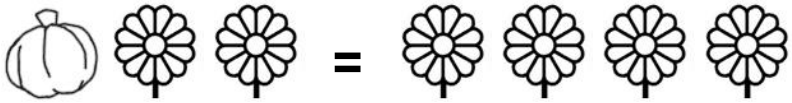
☐ True ☐ False



☐ True ☐ False



☐ True ☐ False



☐ True ☐ False

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

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

Circle the words.

gametwobookmyselfbottomhasdropforgottunepenny

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	1
3	2	4	2
		3	1
		4	2

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

3 2 1 4

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

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

3 4 1 2

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

Hint - These numbers are missing:

1 4 1 4 4

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

Hint - These numbers are missing:

4 1 2 2 4 2

word root **retro** can mean **backward** **retrofit, retroactive**

Name: _____

Fill in the missing numbers.

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

		1	3
4			2
	1	3	
2	4	2	4

Hint - These numbers are missing:

1 1 3 3 4 2

2			
	4	3	4
1	2		2
	4	3	4

Hint - These numbers are missing:

2 3 1 1 1 3

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

Hint - These numbers are missing:

1 1 2 2 4 4 2 3

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

Hint - These numbers are missing:

4 2 1 3 1 1 2 4

$$\begin{array}{r} 15 \\ +\ 10 \\ \hline \end{array}$$

18, ____, 20, ____, ____, ____, 24

How much is this?

Name: _____

Sudoku Sums of 3

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 3.

Here is an example of a sudoku sum of 3:

1	2

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

$$\begin{array}{r} 16 \\ -\ 6 \\ \hline \end{array}$$

49, ___, ___, 52, ___,

___, 55, 56, ___, ___, 59

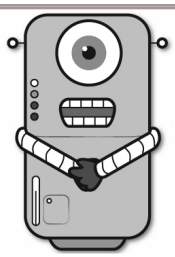
$$\begin{array}{r} 7 \\ -\ 2 \\ \hline \end{array}$$

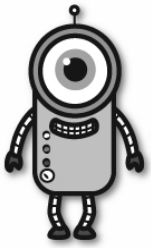
$$\begin{array}{r} 76 \\ -\ 11 \\ \hline \end{array}$$

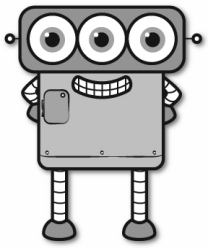
$$\begin{array}{r} 57 \\ -\ 7 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ +\ 10 \\ \hline \end{array}$$

Name: _____


Emma


Jacob


Adam

7 • 27 • 15

Facts

Emma is seven years old.

Jacob is eight years older than Emma.

Adam is twenty years older than Emma.

How old is Emma? _____

How old is Jacob? _____

How old is Adam? _____

$$\begin{array}{r} 3 \\ +\ 8 \\ \hline \end{array}$$

97, _____, _____, _____, _____, _____, 103

$$\begin{array}{r} 34 \\ -\ 14 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ +\ 31 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ +\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ +\ 2 \\ \hline \end{array}$$

Name: _____

Make change. You can use $20, $10, $5, $1, 25¢, 10¢, 5¢, or 1¢.

Use the fewest bills and coins to make $27.24.

$20	$5	$1	$1

10¢ 10¢ 1¢ 1¢ 1¢ 1¢

Use the fewest bills and coins to make $54.36.

$20				

1¢

Use the fewest bills and coins to make $37.43.

Use the fewest bills and coins to make $51.32.

Name: _____

Write a formal way to say "Let's go to my crib and chill."

_____

_____

_____

_____

_____

_____

_____

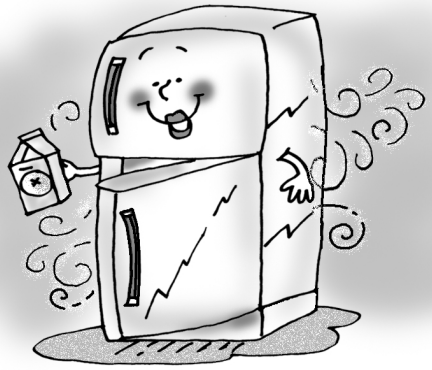
Finish this sentence.

The invention of the refrigerator makes life easier because...

_____

_____

_____.



Write these numbers into the place value chart.

	Thousands	Hundreds	Tens	Ones
5,689 =				
9,204 =				
7,533 =				
3,871 =				

Name: _____

Jemima Puddle-Duck had 55¢. She bought a bag of corn for 24¢. How much money did she have left?

Kevin found out that 199 people in his school believed that they would have bad luck on Friday the 13th. There are 349 people in his school. How many did not believe they would have bad luck?

Sarah liked the Hug Holiday. She got five hugs from her mother. She got four hugs from her father. She got three hugs from her sister. She got four hugs from her grandmother. How many hugs did Sarah get in all?

Each shelf holds 8 books. How many books can 2 shelves hold?

$$\begin{array}{r} 88 \\ -\ 18 \\ \hline \end{array}$$

Write the missing sign.

11 ___ 8 = 19

26 + 1 = _____

ten less than 911

Ten is an even number.

true false

Fourteen is an odd number.

yes no

Count by 1.

6 _____ _____ _____ _____

_____ is 2 more than 6.

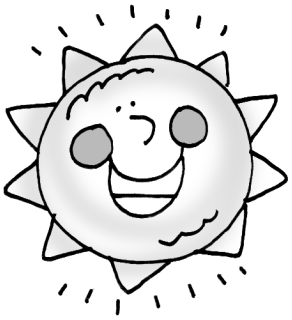
Name: _____

Write the letter that comes just before the one shown. They'll spell an enjoyable spring hobby.

◯ ← H
◯ ← B
◯ ← S
◯ ← E
◯ ← F
◯ ← O
◯ ← J
◯ ← O
◯ ← H

Make three new words using only the letters in ...

Sunshine

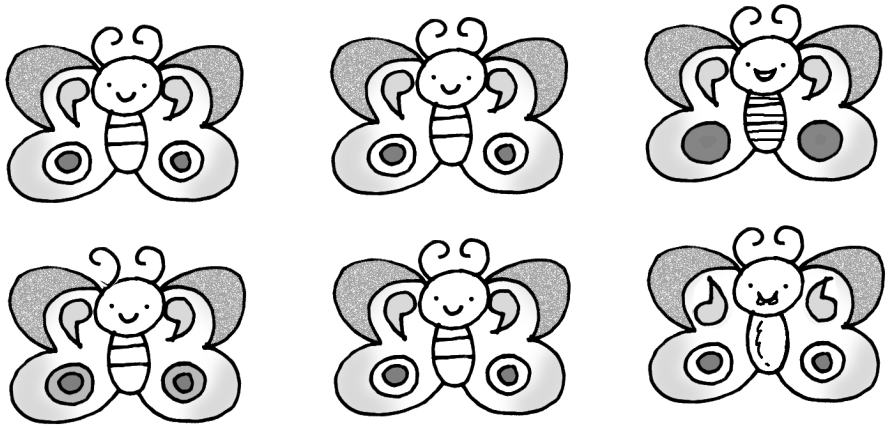


_____

_____

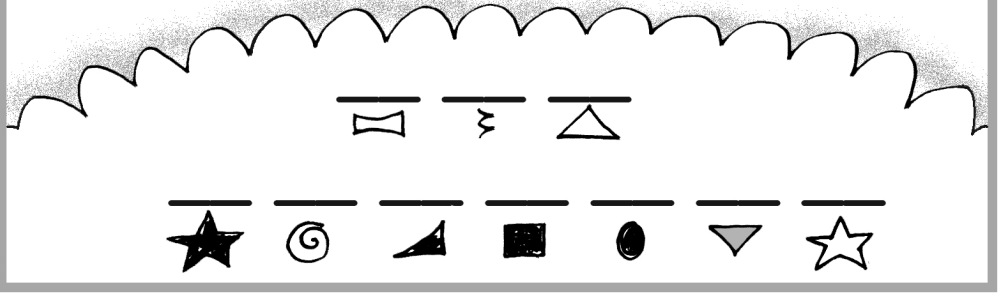
_____

Circle the three matching butterflies.



Use the code to see what April showers bring.

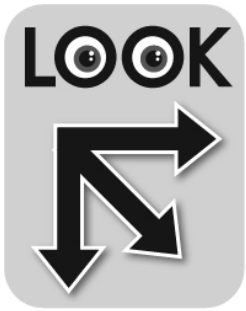
◎ = L ● = E ▭ = M ■ = W △ = Y
≷ = A ☆ = S ◢ = O ▼ = R ★ = F



Name: _____

- [x] 10 + 9 = **19**
- [ ] 12 + 3 =
- [ ] 5 + 6 =
- [ ] 4 + 5 =
- [ ] 2 + 7 =
- [ ] 3 + 11 =
- [ ] 9 + 8 =
- [ ] 7 + 11 =
- [ ] 9 + 5 =
- [ ] 7 + 9 =
- [ ] 2 + 12 =

3	1	11	1	5	29	10	1	4	16	9	17	2	9	8	18
4	11	16	13	3	19	9	9	7	9	10	7	8	18	5	14
23	9	14	12	9	4	5	12	15	8	9	9	11	23	21	18
14	5	5	8	10	14	5	17	11	17	1	12	5	14	4	7
14	12	5	6	11	7	7	9	3	16	15	8	1	9	15	2
9	26	2	6	11	18	15	12	15	14	13	22	5	27	11	14
21	12	15	28	1	5	15	3	3	7	11	18	9	15	9	4
10	16	10	+	9	=	19	15	13	9	19	15	11	19	15	7	15	19
9	9	16	18	11	3	2	4	10	13	2	4	9	8	16	14
6	15	15	5	5	3	14	8	9	3	9	7	12	14	23	9
28	11	15	2	12	13	2	16	6	4	3	12	9	15	5	15
9	7	7	12	4	13	12	17	11	7	10	18	22	12	4	5
11	9	9	14	25	3	8	5	14	1	5	2	16	3	13	2
24	15	16	16	5	26	17	13	1	9	5	14	14	11	1	7



Write operation.

Write = sign.

Circle.

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

8	5	8	22	2	11	2	16	3	1	17	19	8	7	8	8
18	8	3	1	5	7	15	4	6	4	6	13	8	10	18	4
26	5	5	8	6	5	10	5	10	9	19	5	6	8	12	20
10	2	5	12	7	8	3	8	12	26	14	9	3	11	14	7
14	17	12	6	8	14	6	5	5	6	12	2	11	8	3	21
8	19	3	8	8	11	12	12	10	8	26	3	15	1	9	8
3	13	9	12	6	17	5	18	7	15	2	27	8	11	2	16
2	15	5	6	3	3	14	11	18	14	5	6	3	3	8	12
17	20	17	18	7	2	6	21	14	17	8	8	9	17	5	14
4	9	3	+	4	=	7	12	12	14	27	10	3	15	15	2	8	2
2	6	8	4	17	14	8	10	12	3	8	22	11	14	9	2
6	22	14	1	1	3	11	9	27	8	11	5	20	12	16	5
14	13	6	15	1	2	4	14	11	15	7	2	4	3	13	6

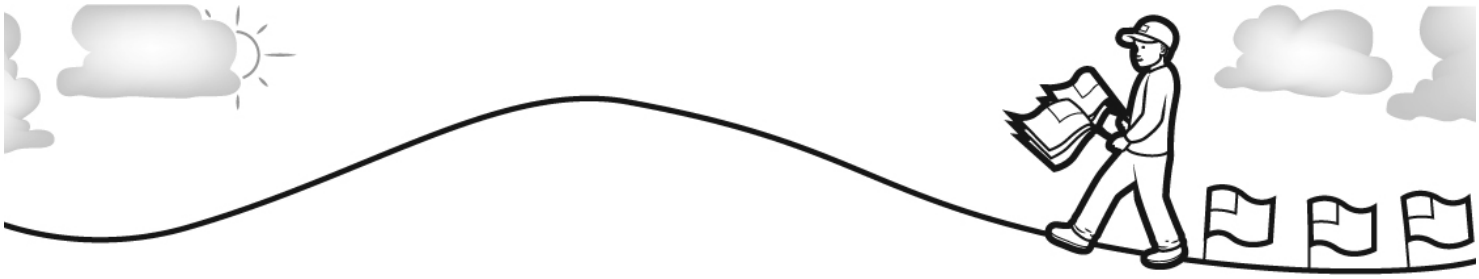
Name: _____

$\begin{array}{r} 11 \\ +\ 28 \\ \hline \end{array}$	$\begin{array}{r} 68 \\ -\ 22 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ +\ 71 \\ \hline \end{array}$
Robert has thirteen dimes. Adam has no dimes, so Robert gave Adam five of his dimes. Who has more dimes now?	A two-digit even number has a 6 in the tens place. The sum of the ones and tens digits is 10. What is the number?	Draw 8 small squares. Then color in some to show $\frac{1}{2}$.
$\begin{array}{r} 62 \\ -\ 12 \\ \hline \end{array}$	$\begin{array}{r} 27 \\ +\ 10 \\ \hline \end{array}$	How much is this?

Name: _____

$\begin{array}{r} 86 \\ -\ 82 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +\ 2 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -\ 13 \\ \hline \end{array}$
7, ____, ____, ____, ____, ____, 25 What did you count by?	$\begin{array}{r} 15 \\ +\ 2 \\ \hline \end{array}$	A two-digit odd number has a 9 in the tens place. The sum of the ones and tens digits is 12. What is the number?
$\begin{array}{r} 38 \\ -\ 4 \\ \hline \end{array}$	$\begin{array}{r} 35 \\ -\ 13 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ +\ 10 \\ \hline \end{array}$
2 + 8 - 3 = ___ 8 - 1 + 2 = ___	Jessica took her empty backpack and filled it with tennis balls. Estimate how many tennis balls you think she was able to fit into her backpack.	Anna has three nickels and four dimes. She is at the candy store. Each chocolate coin is ten cents. How many can she buy?

Name: _____



"Ready for the 10-minute challenge?" asked Mr. Smith.
Jacob nodded. He was ready!
"Great," said Mr. Smith. "Let's see how many flags you can put down in 10 minutes!"
Jacob put his first 3 flags down in 22 seconds. He hopes to keep up at this speed. How many do you think he will end up putting down?

Please remember to SHOW your work.

Name: _____

Cross off the letter or number that does NOT belong.

2, 5, 5, d, 6, 6, 2, 5, 5, 6, d, 6, 6, 2, 5, 5

Why does _____ not belong in the pattern?

Cross off the letter that does NOT belong.

I, K, K, N, M, Q, P, O, T, Q, W

Why does _____ not belong in the pattern?

Name: _____

Anna made 3 quilt squares. Then she made 7 more quilt squares. How many squares did she make in all?

There were ten voters in the first line. The second line had five more voters than the first line. How many voters were there in all?

Anne found a bird's nest. It had two little blue eggs in it. Anne found a nest with three little white eggs in it. Hannah found a nest with four brown eggs in it. How many eggs did the girls find in all?

$$\begin{array}{r} 41 \\ +\ 1 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ +\ 40 \\ \hline \end{array}$$

19, ___, 21, ___, 23,

___, ___

Sara has twenty-nine pairs of shoes! Four pairs of the shoes are brown. How many pairs of shoes are not brown?

Mary's grandfather is 186 centimeters tall. Her grandmother is only 153 centimeters tall! How much taller is her grandfather than her grandmother?

Eric ate 18 lemon drops. Then he ate 13 more. How many lemon drops did he eat in all?

$$\begin{array}{r} 48 \\ -\ 42 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ +\ 14 \\ \hline \end{array}$$

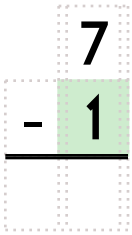
$$\begin{array}{r} 32 \\ -\ 1 \\ \hline \end{array}$$

Name: _____

Jason had fifty-seven rocks in his collection. He gave Robert twelve rocks. He gave Jacob five rocks. How many rocks does Jason have left?

David found out that 219 people in his school believed that they would have bad luck on Friday the 13th. There are 354 people in his school. How many did not believe they would have bad luck?

Anne took 1 quarter, 2 dimes, 4 nickels, and 5 pennies to the store to buy erasers. How much money did she take to the store?



95, _____, _____, _____, _____, _____, 101

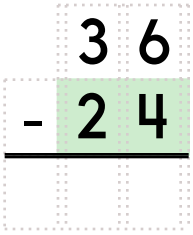
98, _____, _____, _____, _____, _____, 104

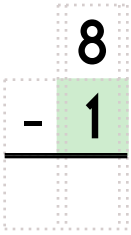
At last Jason has a room of his own! He saves 2 quarters and 4 dimes each week. He wants to buy a rug for his room. So far he has saved 6 quarters and 12 dimes. How much money does he have?

David woke up at 6 o'clock in the morning on Mirth Day. Write the time another way.

Ms. Johnson made a honey cake on Don't Step on a Bee Day. There are 4 people in her family. Each person gets an equal part. What fraction of the cake will each person get?

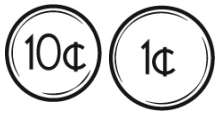
36, 37, ___, 39, ___, ___





Name: _____

How much is this?



How many?

$$\begin{array}{r} 22 \\ +\ 10 \\ \hline \end{array}$$

There were thirteen kids on the playground. Four of them came inside to read. How many kids are still on the playground?

Draw 9 small squares.

Then color in some to show $\frac{1}{3}$.

Jessica took her empty backpack and filled it with tennis balls. Estimate how many tennis balls you think she was able to fit into her backpack.

How many dots on the bug?

How much is this?

$$\begin{array}{r} 28 \\ -\ \ 8 \\ \hline \end{array}$$

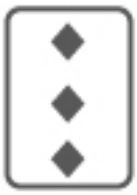
☐ I did page 24 ☐ I decided to skip this page

edHelper

Name: _____

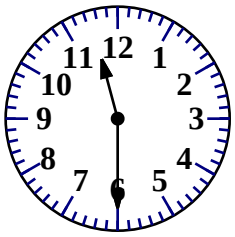
How many?

How many?



$$\begin{array}{r} 1\ 1 \\ +\ 1\ 0 \\ \hline \end{array}$$

What time is it?



___:___

Megan has seven tickets to the middle school play. She gave Ava a ticket. She gave two tickets to Hannah. How many tickets does Megan have left?

Rose took an empty half gallon milk carton and filled it with jelly beans. Write a number to estimate how many jelly beans are in the milk carton.

$$\begin{array}{r} 4\ 4 \\ +\ \ 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4\ 4 \\ +\ \ 3 \\ \hline \end{array}$$

$$\begin{array}{r} \ \ 3 \\ +\ 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5\ 8 \\ -\ \ 7 \\ \hline \end{array}$$

94, _____, _____, _____, _____, _____, 100

39, ____, 41, 42, ____, ____

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

$$\begin{array}{r} 2\ 1 \\ +\ 1\ 0 \\ \hline \end{array}$$

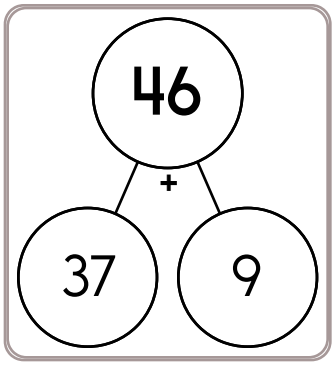
How many?

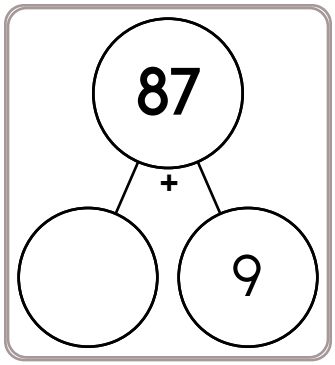
Name: _____

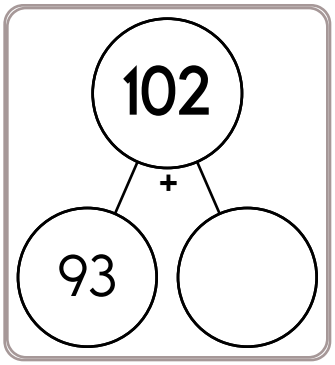
24 - ___ = 15	___ - 2 = 79	___ - 8 = 64
98 - ___ = 92	78 - ___ = 75	___ - 9 = 59
48 - ___ = 46	___ - 6 = 10	___ - 7 = 31
91 - ___ = 83	11 - ___ = 7	___ - 5 = 37

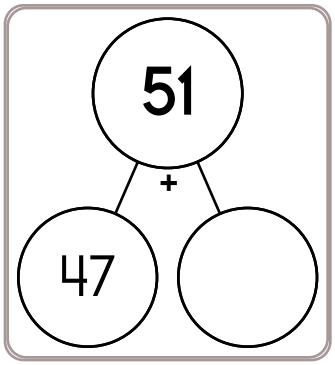
43 - 8 =	50 - 6 =	98 - 6 =
12 - 7 =	78 - 3 =	43 - 8 =
72 - 5 =	61 - 5 =	73 - 2 =
95 - 2 =	50 - 7 =	93 - 4 =

35 - 9	36 - 4	35 - 3	91 - 4	82 - 9	14 - 8
75 - 3	96 - 8	28 - 9	65 - 8	69 - 5	27 - 6









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Name: _____

58 + 43	92 + 93	51 + 63	59 + 61	33 + 55	84 + 23
2□ + 14 = □6	7□ + □6 = 11	95 + 9□ = □8	1□ + □7 = 89	□□ + 21 = 10	31 + □□ = 11
91 + 56	78 + 82	39 + 81	73 + 41	61 + 37	58 + 42
2□ + □4 = 11	7□ + □0 = 15	33 + □□ = 12	□9 + 21 = 1□	□2 + 5□ = 11	□4 + 4□ = 71
58 + 35	65 + 26	74 + 48	93 + 52	54 + 48	60 + 27
99 + □□ = 15	1□ + 74 = □7	□□ + 61 = 99	9□ + 70 = □6	31 + □8 = 6□	98 + 70 = □□

Name: _____

Cross off the number that does NOT belong.

45, 63, 66, 81, 99, 117, 135

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

80, 90, 100, 110, 120, 127, 130, 140, 150, 160, 170

Why does _____ not belong in the pattern?

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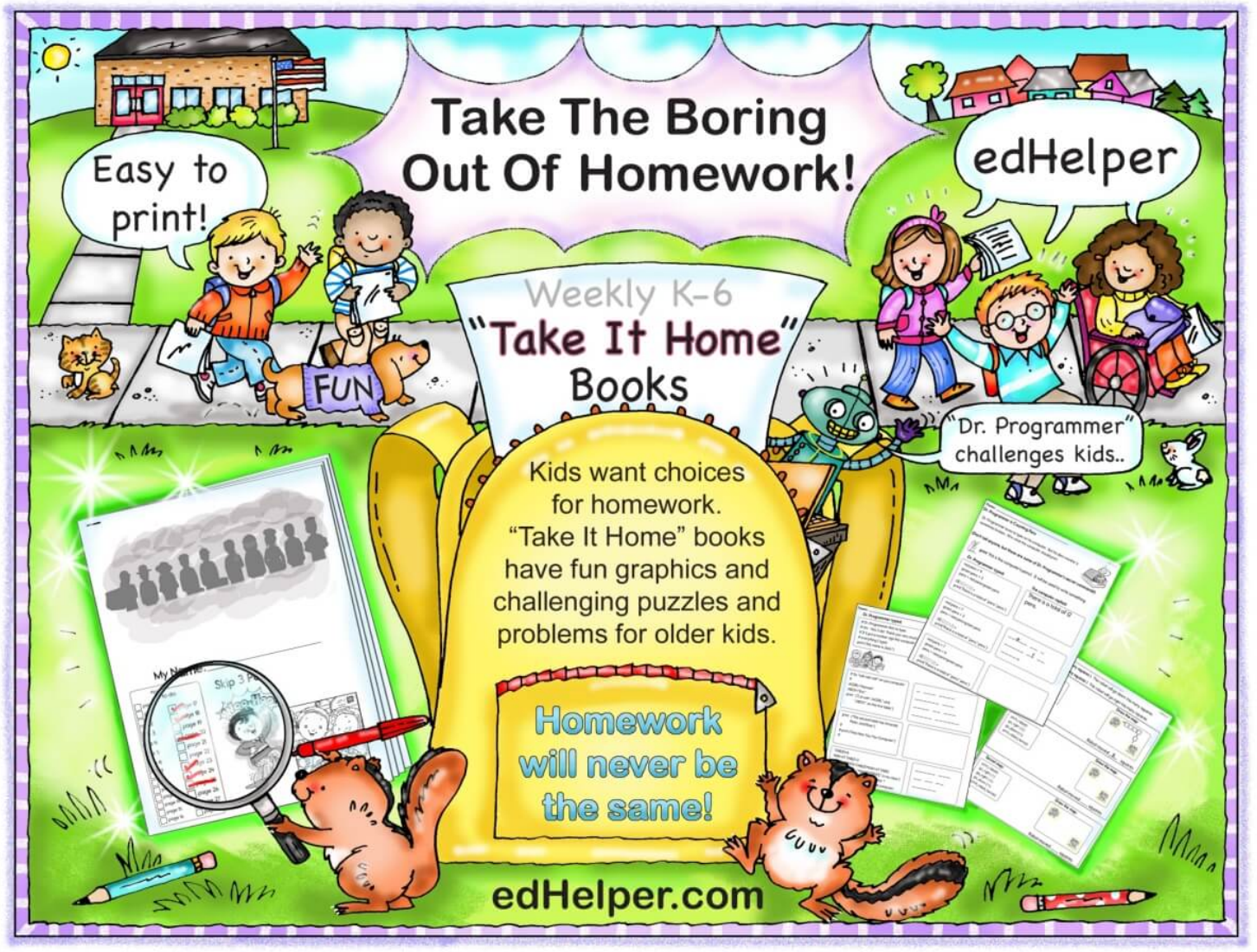
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