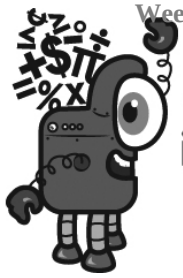
Name: _____

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?

Mental Math



= Do it in your head!

A	B	C	D
imagine 3 in your head	imagine 9 in your head	imagine 5 in your head	imagine 9 in your head
add 5	add 6	subtract 4	add 8
add 4	subtract 8	add 5	subtract 8
	add 3	multiply 2	multiply 3
	multiply 7	multiply 8	add 9
		add 7	subtract 9
Write the ones digit.	Add the tens digit to the ones digit. Write the sum.	Write the tens digit.	Write the odd digit in your answer.
____	____	____	____

What is the sum?

A + B + C + D

____ ____

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

____ ____ ____ t ____ e n

3 before 11 _____	5 after 14 _____	1 after 15 _____
6 before 19 _____	3 after 16 _____	2 after 11 _____
4 before 13 _____	4 after 12 _____	8 after 17 _____

Name: _____

Cross off the number that does NOT belong.

42, 43, 44, 47, 50, 55, 60, 67, 74, 83, 92, 102, 103, 114, 127, 140, 155

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

44, 48, 52, 57, 62, 68, 74, 81, 88, 96, 104, 113, 122, 128, 132

Why does _____ not belong in the pattern?

Name: _____

The number of peanuts (p) in a can of mixed nuts multiplied by 5 is equal to the total number of nuts in the can. Write an equation and use it to find out how many nuts are in a can that has 28 peanuts in it.

Jason volunteers in a thrift shop after school. It is his job to keep a total of the money paid for the items. On Monday, there were 3 sales of $5 each, 15 sales of $3.50 each, and 19 sales of 25¢ each. What were the total sales for the day?

Complete.

4 hearts = 2 stars

6 stars = 3 pearls

3 pearls = _____ hearts

Robot AQD said, "I have YYYYYYYY robot cats."

Robot EFG said, "I have YYY robot cats."

Robot cat said, "Each Y stands for six cats. We have lots of cats!"

How many cats does Robot AQD have? How many cats does Robot EFG have?

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

MathWorksheets.com
Week of July 14

Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

697 − 657	918 + 704	590 − 446	687 − 531	353 + 304
238 + 740	847 − 542	211 + 833	362 + 246	805 − 178
939 − 931	535 − 464	947 + 424	277 + 542	454 − 110
427 − 405	940 + 254	695 − 576	476 + 137	831 + 228
418 + 444	335 + 691	608 − 286	934 − 240	304 + 348

Name: _____

The thrift shop manager said that only $\frac{29}{100}$ of the people that come into the shop don't buy anything. Write that fraction as a decimal.

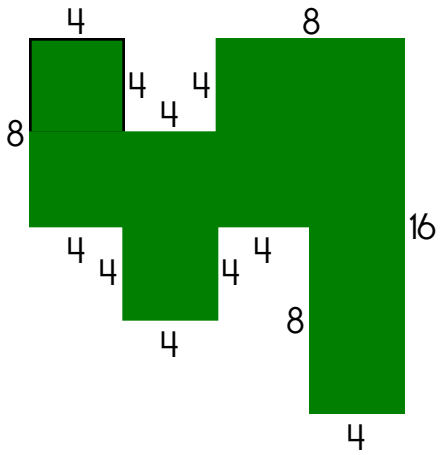
Max made 92, 85, 83, 73, 81, and 77 on his math tests. What was his average test score? Round your answer to the nearest tenth.

Adam went to the store. He liked being a geek. He bought 7 pens at 67¢ each and a pencil case for $1.34. How much did he spend in all?

Fill in the missing fractions.

$\frac{2}{7}$, _____ , $\frac{4}{7}$, _____

$$\begin{array}{r} 94 \\ +\ 30 \\ \hline \end{array} \qquad \begin{array}{r} 64 \\ +\ 49 \\ \hline \end{array} \qquad \begin{array}{r} 51 \\ +\ 28 \\ \hline \end{array}$$



The perimeter is _____ .

What polygon has five sides?

_____

Sarah and April ran a race. Sarah came in fiftieth place. April was four runners after Sarah. Write the ordinal number for the place that April came in.

_____

$$\begin{array}{r} 31 \\ 41 \\ +\ 17 \\ \hline \end{array}$$

Name: _____

What place value does the 3 have in 67,348?

_____

Color in $\frac{3}{5}$ of the rectangle.

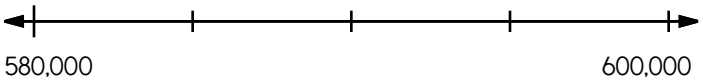
$$\begin{array}{r} 76 \\ +\ 47 \\ \hline \end{array}$$

Is 15 prime or composite?

_____

If ☐ = 5, then ☐ + 4 = _____

Locate where to put the number 585,000 and label the point J.



The factors of 15 are ____ ____ 5 15

What are 100 equal to?

_____

Write this number using words.

$29 - 7 =$ _____

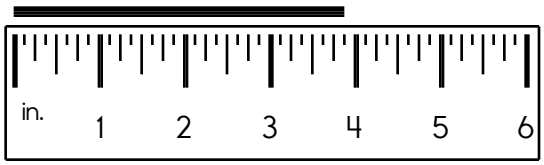
Write the shaded part as a decimal.

_____

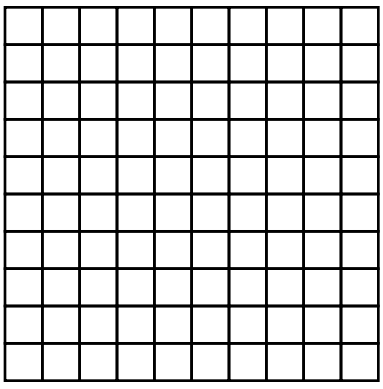
$$\begin{array}{r} 92 \\ -\ 14 \\ \hline \end{array}$$

Write the length in inches.

_____



Color 69%.



$$\begin{array}{r} 4 \\ \times\ 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times\ 8 \\ \hline \end{array}$$

Name: _____

Write four words to describe this tree.

1. _____
2. _____
3. _____
4. _____

Use one or more of these words also:

hollow	leafy
dark	inhabited
lofty	

Write a paragraph to describe the picture.
Use some of the above words.

Scott saw something unusual in the tree in the forest. _____

_____

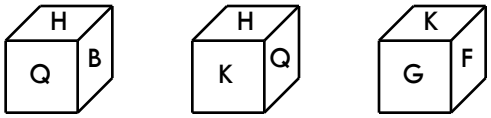
_____

_____

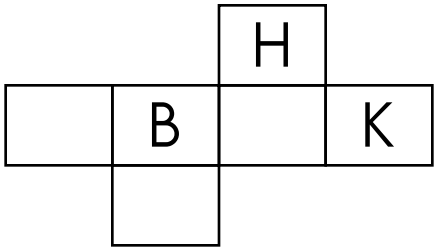
_____

_____

This is the look at one cube
that is turned around a few times.



This pattern can be folded into
the cube. Fill in the missing boxes.



Add. Fill in the blanks.

+	7	3	4
4	11		8
8	15		

Circle the relative adverb.

I remember the time when we
ate fried alligator!

Name: _____

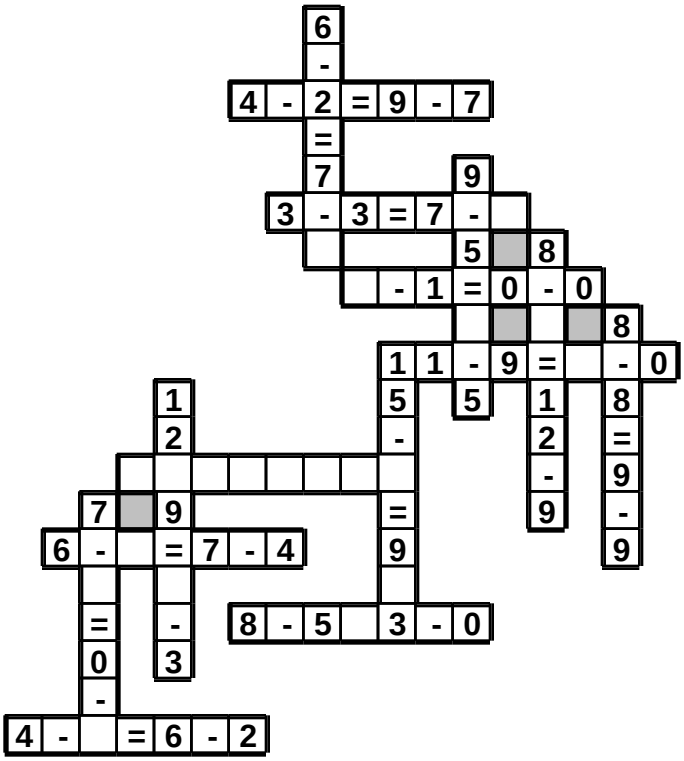
123,350 - 65,593	14,037 + 97,379	131,002 - 35,842
58,073 + 86,132	73,498 + 65,379	55,686 - 29,841
51,885 + 34,664	60,264 - 15,169	192,114 - 97,948
73,826 - 63,291	39,753 + 78,131	66,343 + 72,421
137,209 - 41,816	139,555 - 84,237	99,538 + 33,584
185,514 - 89,126	33,788 + 58,721	44,403 + 61,091
116,541 - 89,356	11,219 + 91,153	94,850 + 13,109

1 + 2 = ☐
+ 7 = ☐
+ 3 = ☐
+ 4 = 17
+ ☐ = 22
- ☐ = 20
+ ☐ = 23
+ 8 = ☐
+ 2 = 33
- ☐ = 24
- ☐ = 16

Name: _____

7 • 3 • 1 • 9 • 5 • 2 • 8 • - • 2 • = • 1 • 5 • - • 9 • 3 • 7 • 6 - • = • 0

Use the pieces above to help you fill in the runaway math puzzle.



List the first three multiples of 9.

_____ _____ _____

Write the ordinal number that comes after fifty-fourth.

_____

- ○ weod
- ○ wuud
- ○ wood
- ○ woodd

Write two odd numbers that when added together equal the even number 24.

_____

Calculate the product of 5 and 12.

_____

$8\overline{)56}$

Name: _____

I am a 3-digit number with a 1 in the tens place. My hundreds digit is 2 more than my ones digit. Write any number that fits this.

Amanda is less than 15 years old. She is half as old as Peter. In 10 years, Amanda will be $\frac{2}{3}$ years as old as Peter. How old is Peter?

The number 62 is more than the number 7 by how much?

(9 + 1) - 1

What is 19 less than 1,799?

Name: _____

Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.

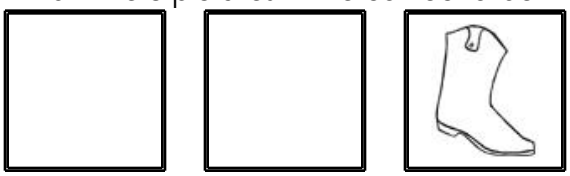
Draw 1 of these 3 pictures.
The picture IS in the correct spot.

Draw 1 of these 3 pictures.
The picture is NOT in the correct spot.

Draw 1 of these 3 pictures.
The picture IS in the correct spot.

Draw 1 of these 3 pictures.
The picture IS in the correct spot.

Draw the 3 pictures in the correct order:



619 + 8 =

Emily has 26 nickels. How much money is that?

At 1 p.m. today, Erin will not be able to use her electronics for 4 hours. At what time will she be able to resume using her phone?

36, 39, 45, 54,

_____, 81, 99, 120, 144,

171, 201, 234

4 x ___ = 24 = ___ x 2

6 x ___ = 42 = ___ x 2

3 x ___ = 12 = ___ x 2

3 x ___ = 36 = ___ x 6

8 x ___ = 40 = ___ x 20

What number is halfway between 0 and 8?

word root **tract** can mean **pull** **traction, tractor**

Name: _____

$$\begin{array}{r} \frac{8}{9} \\ -\ \frac{1}{9} \\ \hline \end{array}$$

Reduce $\frac{28}{42}$ to its lowest terms.

Change $\frac{60}{24}$ to a mixed number.

What is the least common multiple of 12 and 9?

The number 12 has 6 factors. Write them.

Is the least common multiple of 12 and 9 smaller, equal to, or greater than the greatest common factor of 12 and 9?

Write as a decimal.

$\frac{8}{100}$

Write as a decimal.

$19\frac{3}{10}$

Use >, <, or = to complete.

462 __ 460.7

326 __ 328.75

15.3 __ 15.48

29.76 __ 29.5

443 __ 446.57

18.5500 __ 18.55

194 __ 192.7

Name: _____

9 - ___ = 1

What is the missing number?

8 - x = 5

What is the value of x?

Is the least common multiple of 12 and 9 smaller, equal to, or greater than the greatest common factor of 12 and 9?

___ - 3 = 2

What is the missing number?

$$\begin{array}{r} 337 \\ 622 \\ +\ 675 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ 5 \\ +\ 8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ 8 \\ 7 \\ 7 \\ +\ 2 \\ \hline \end{array}$$

Reduce each fraction to a mixed numeral in its lowest terms.

$\frac{48}{18}$ =

$\frac{24}{15}$ =

$\frac{18}{12}$ =

$\frac{72}{32}$ =

$$\begin{array}{r} 2\frac{6}{10} \\ +\ 8\frac{5}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 3\frac{4}{9} \\ -\ 2\frac{4}{9} \\ \hline \end{array}$$

Name: _____

Reduce each fraction to its lowest terms.

$\frac{40}{72}$ =

$\frac{40}{48}$ =

$\frac{18}{27}$ =

$\frac{25}{45}$ =

$\frac{10}{14}$ =

$\frac{7}{63}$ =

Reduce $\frac{28}{42}$ to its lowest terms.

$$\frac{9}{10} + \frac{7}{10} = ____$$

$$\begin{array}{r} 17 \\ +\ 48 \\ \hline \end{array}$$

$$\begin{array}{r} 225 \\ 677 \\ +\ 542 \\ \hline \end{array}$$

Find the sum of 16, 14, and 34.

Use >, <, or = to complete.

5.7 ___ 6.6

3.07 ___ 3.78

0.12 ___ 0.2

3.4 ___ 3.3

8.5 ___ 8.8

7.7 ___ 8.1

0.6 ___ 0.58

Write as a decimal.

$13\frac{6}{10}$

Use >, <, or = to complete.

9.1 ___ 9.3

3.4 ___ 3.2

4.9 ___ 5.5

0.89 ___ 0.9

3.71 ___ 3.69

7.2 ___ 6.8

8.3 ___ 7.7

Name: _____

$$\begin{array}{r} \frac{7}{8} \\ -\ \frac{4}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 3\ \frac{6}{12} \\ -\ 2\ \frac{1}{12} \\ \hline \end{array}$$

$$\begin{array}{r} \frac{2}{8} \\ +\ \frac{5}{8} \\ \hline \end{array}$$

Write as a decimal.
Six and five tenths

Write the decimal in words.
0.019

Write the decimal in words.
0.8

Complete the list of multiples.

5, 10, 15, ____, 25, ____, ____, ____, ____, 50

____ - 4 = 4

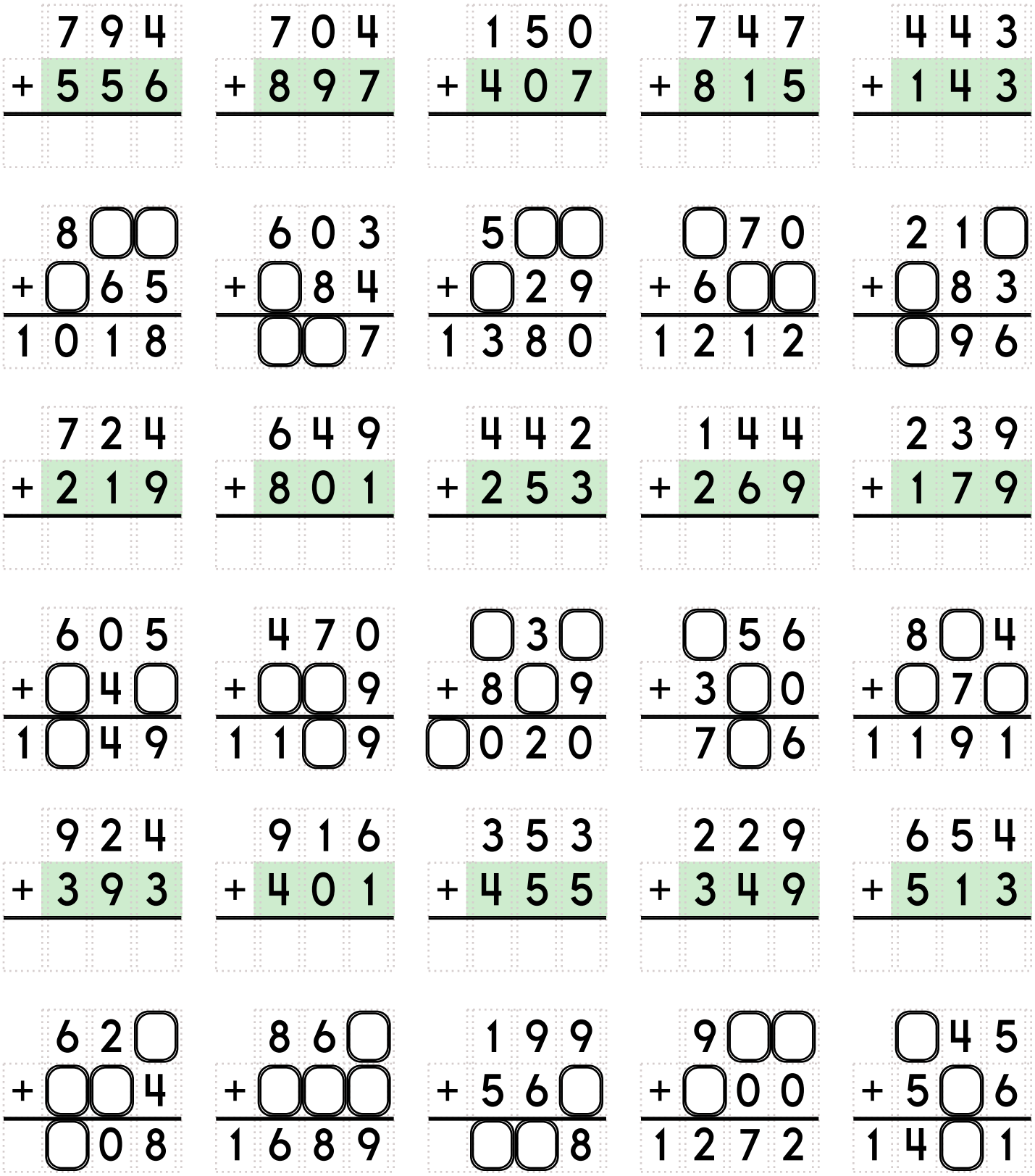
What is the missing number?

x - 5 = 3

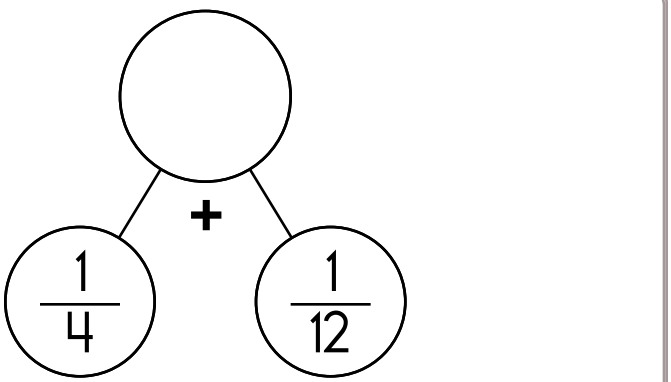
What is the value of x?

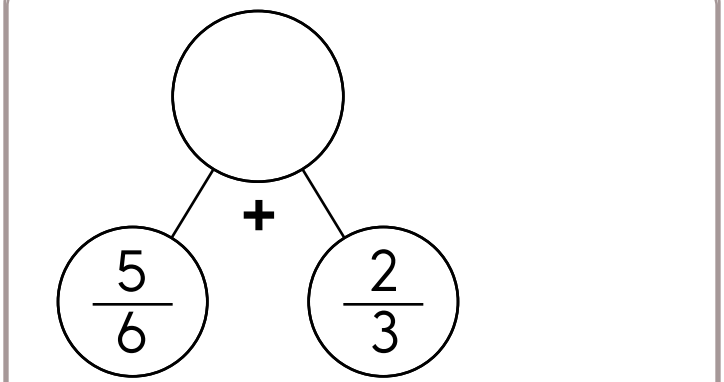
The number 15 has 4 factors. Write them.

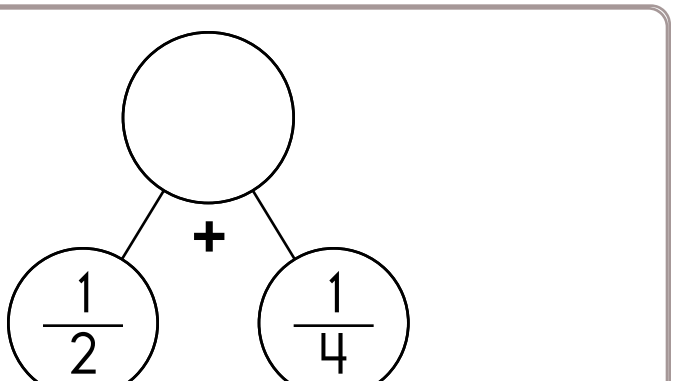
Name: _____

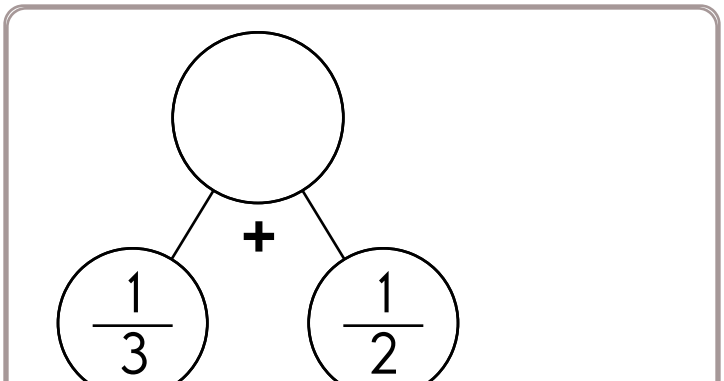

794 + 556
704 + 897
150 + 407
747 + 815
443 + 143
8□□ + □65 = 1018
603 + □84 = □□7
5□□ + □29 = 1380
□70 + 6□□ = 1212
21□ + □83 = □96
724 + 219
649 + 801
442 + 253
144 + 269
239 + 179
605 + □4□ = 1□49
470 + □□9 = 11□9
□3□ + 8□9 = □020
□56 + 3□0 = 7□6
8□4 + □7□ = 1191
924 + 393
916 + 401
353 + 455
229 + 349
654 + 513
62□ + □□4 = □08
86□ + □□□ = 1689
199 + 56□ = □□8
9□□ + □00 = 1272
□45 + 5□6 = 14□1

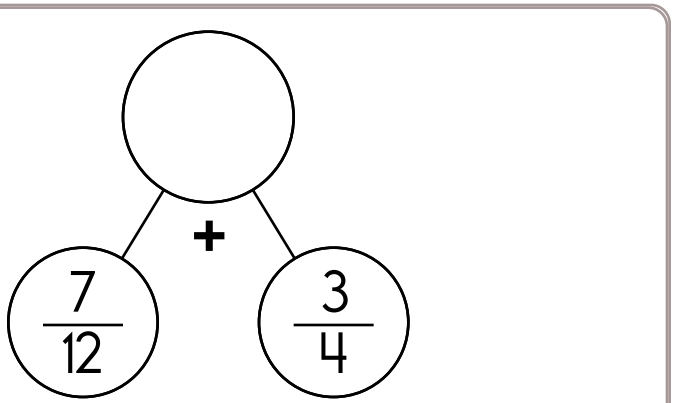
Name: _____

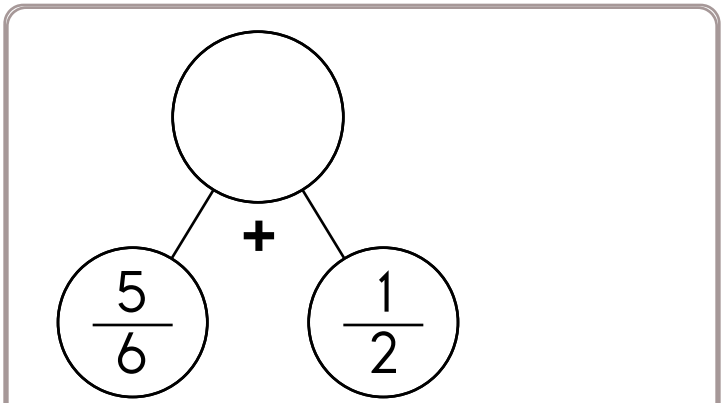


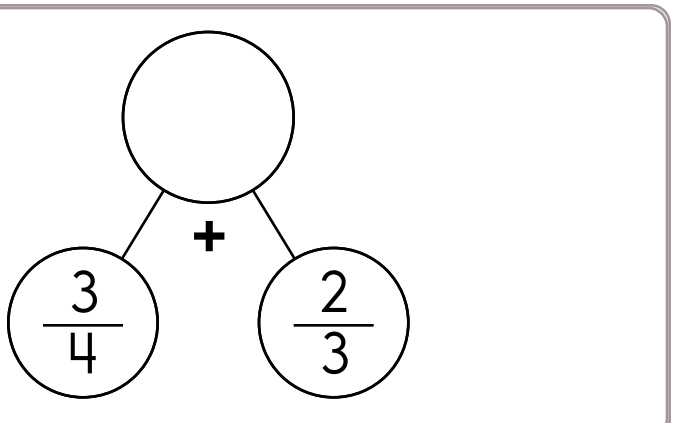


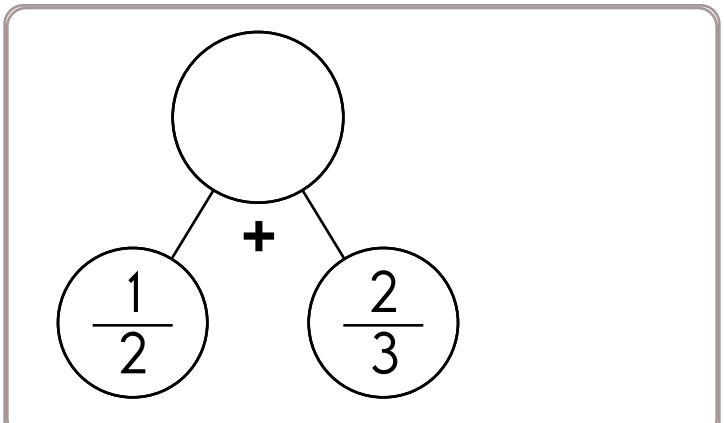








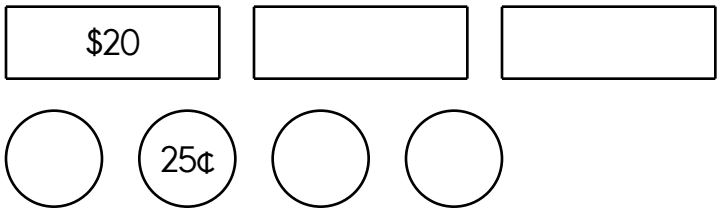




Name: _____

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

Make $35.52 using bills and coins.



Show a different way to make $35.52 using a different number of bills or coins.

Make $53.54 using bills and coins.

Show a different way to make $53.54 using a different number of bills or coins.

Name: _____

Hunter is taking a 24-hour walk challenge. He is trying to stay awake for 24 hours and plans to walk as far as he can. Each hour he plans to sit and rest for 3 minutes. If he is able to do this, how long will he spend walking and not resting during the 24 hours?

Fill in the missing numbers.

$\frac{2}{11} = \frac{\quad}{22}$ $\frac{3}{11} = \frac{6}{\quad}$ $\frac{3}{24} = \frac{1}{\quad}$

$\frac{2}{5} = \frac{\quad}{10}$ $\frac{1}{3} = \frac{5}{\quad}$ $\frac{2}{18} = \frac{1}{\quad}$

$\frac{3}{12} = \frac{1}{\quad}$ $\frac{1}{2} = \frac{\quad}{8}$ $\frac{2}{7} = \frac{\quad}{21}$

Name: _____

Can you guess the word?

No duplicate letters can be used.

C	L	A	I	M

The letter C is in the word and is in the correct spot.

A	M	P	L	E

The letter M is in the word, but M is not in that spot.

A B C D E F G H I J K L

A list of letters will be given that have not been used. Good luck!

Hint: There are no duplicate letters in the answer.

R	O	Y	A	L
C	O	V	E	R
T	O	W	E	R

B D F G H I J K M N P Q S U X Z

Let's check if you guessed correctly. Look across or down to find the correct answer.

Z Y R V P Z R O Y A L P J R L A O F P
P C R O R R V W E E W R P W V W P R Q
P R P A R L R E R W L C W Y H E O R R
P V C Z T S K R N R S A C W E E W W I
R O V G R E R P R E A K L D C C E P L
R O A O R A J R L E R T Y E E C R E Y
R N A L W V C L A C R O O E O E V K X
Y O E K E U P W C O V E R E P P T V O

Hint: There are no duplicate letters in the answer.

O	C	E	A	N
P	R	I	N	T
T	H	I	N	G

B D F J K L M Q S U V W X Y Z

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

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

Hint: There are no duplicate letters in the answer.

G	U	I	L	D
T	H	I	N	G
S	W	I	N	G

A B C E F J K M O P Q R V X Y Z

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

W G N D L G G W I S G N Z V S G T D I
N D N Q S U V N R G O U G G P W U P G
G W N Q R I U I W W Q Q I W R J I I N
N D N U S Y N N S R V I E L A Y Y N S
Y B G I Q S N G O X I U V T D G I D G
I U I L I I S L I N B N I I Q S I R G
W X I S N R X G N G N G G G L S I W W
W I Z N Y R N G I L I U U U I I W L I

Name: _____

0.12 +0.76	0.31 +0.58	0.6 +0.77	0.04 +0.3	0.09 +0.31	0.07 +0.56
24.19 +22.84	23.49 +26.54	14.16 +20.35	29.7 +25.53	10.04 +13.54	27.67 +32.01
5.15 +5.11	18.47 +22.6	11.26 +11.2	2.28 +13.32	19.7 +28.41	19.92 +10.02

Erin has $43. She wants to buy something that costs $96. How much more does she need?

102, 119, 136, _____, 170, 187, 204, 221, 238

Name the shape with seven sides and seven angles.

35 is a multiple

of 7 and 5.

36 is a multiple

of ___ and ___.

28 is a multiple

of ___ and ___.

Is 11 a composite or a prime number?

6 x __ = 72 = __ x 18

5 x __ = __ = 4 x 10

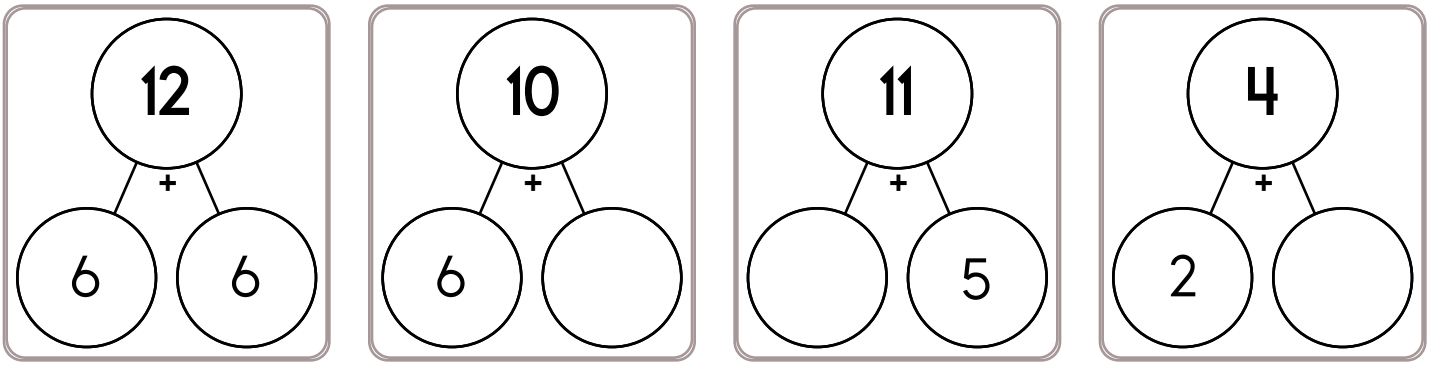
4 x 9 = __ = 6 x __

3 x __ = 12 = __ x 2

8 x 9 = __ = 12 x __

Name: _____

10 - ___ = 8	___ - 7 = 4	___ - 5 = 0
7 - ___ = 3	___ - 9 = 3	10 - ___ = 3
___ - 9 = 1	11 - ___ = 3	5 - ___ = 3
10 - ___ = 7	___ - 10 = 2	___ - 5 = 6

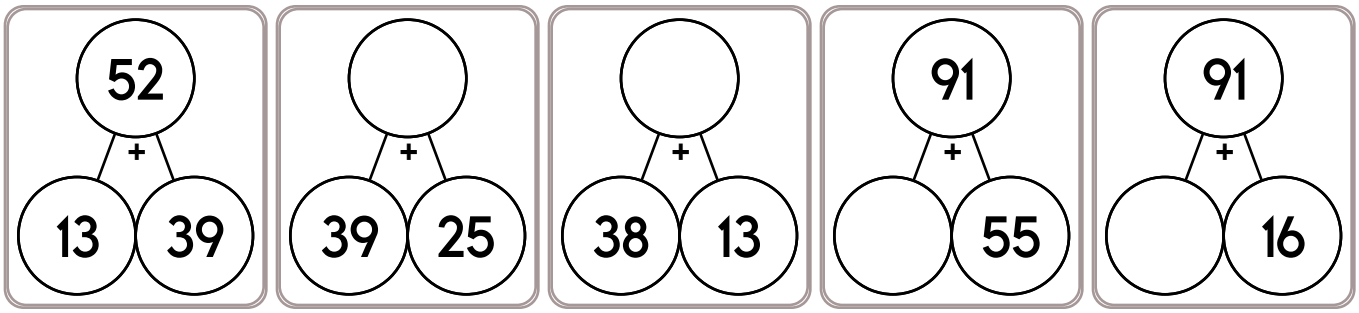


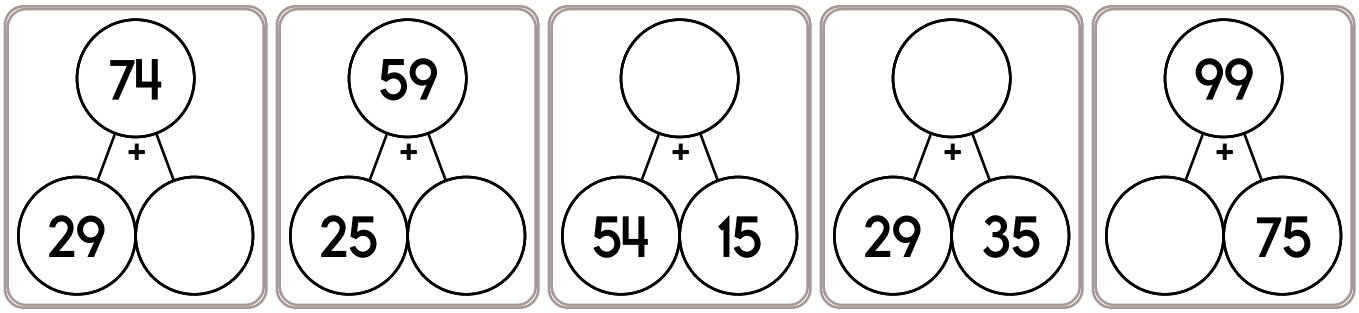
1 1 + 1 1	1 1 - 8	8 + 9	2 + 8	7 - 6	5 - 3
9 - 3	1 2 - 3	8 - 6	5 + 7	1 1 - 9	1 0 - 5

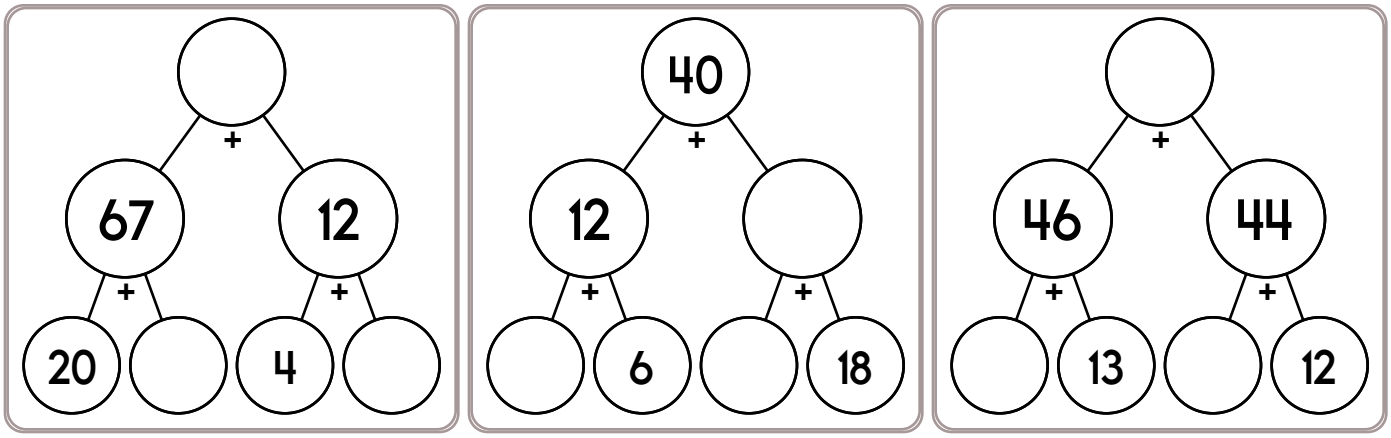
Name: _____

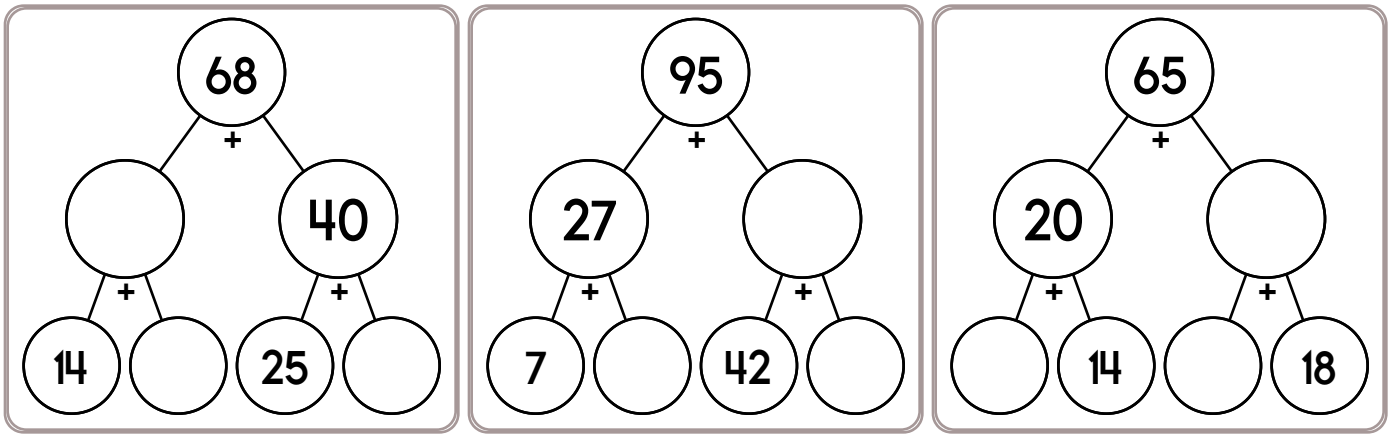
355 + 872	819 + 516	619 + 833	843 + 280	328 + 580
□□1 + 891 1 1 □ 2	564 + □□□ 938	89□ + 9□2 □□65	□2□ + 2□2 1145	6□5 + 95□ □594
440 + 294	927 + 770	283 + 258	123 + 626	379 + 535
□□9 + 76□ 923	975 + 6□2 □6□7	□6□ + 7□1 1221	198 + □□□ 582	□01 + 3□5 106□
361 + 494	866 + 373	493 + 651	807 + 257	414 + 673
469 + 92□ □□95	4□6 + □2□ 620	□40 + □□3 8□3	□□4 + 953 15□7	□5□ + □11 □69

Name: _____







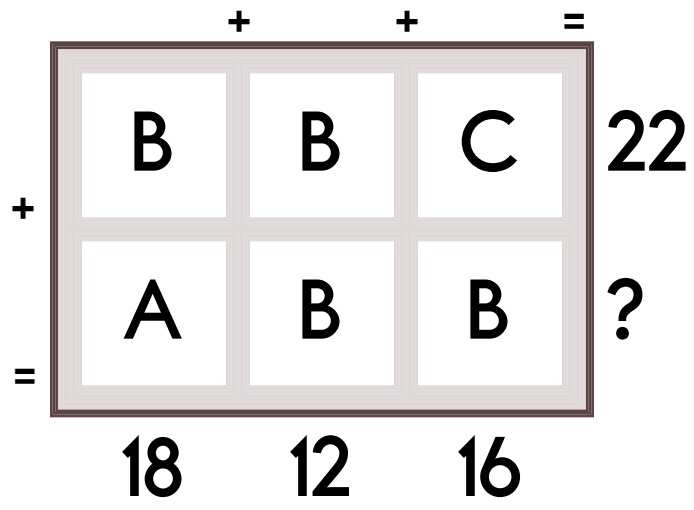


What number is halfway between 0 and 8?

Anna has 55 books. She organized them equally into 5 boxes. How many books in each box?

___ ÷ 10 = 4

Name: _____



Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

C + B = 16 B + ___ = 18 ___ + ___ = 12

___ + ___ + ___ = 22

Additional hints:

B < 14 A is the largest. C = B + 4

Show Work:

Solve:

? = ___

Name: _____

Hint: There are no duplicate letters in the answer.

F	O	S	T	E	R
H	O	M	A	G	E
P	O	L	I	C	E

B D J K N Q U V W X Y Z

Let's check if you guessed correctly. Look across or down to find the correct answer.

D C P O L I C E O Z E R F O I H W O E
L I L E G L O C R O E C O R R D R G E
O O E E L L L M C D T I S D R I L C P
H J T S O Z E M C O S L T C O F I C C
L I L X C Q O E O C O C E P C O L O L
E I K F D I J R F I X I R L C C E Z E
I L D G O M C I L L E O C N R R D E R
I P L Z O O I I V E Q I D F I L O E S

Hint: There are no duplicate letters in the answer.

P	A	R	I	T	Y
A	D	V	E	N	T

B C F G H J K L M O Q S U W X Z

Let's check if you guessed correctly. Look across or down to find the correct answer.

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

Hint: There are no duplicate letters in the answer.

S	T	R	E	A	M
M	I	N	U	T	E

B C D F G H J K L O P Q V W X Y Z

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

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

Hint: There are no duplicate letters in the answer.

A	B	S	E	N	T
M	A	R	K	E	T
R	E	D	A	C	T

F G H I J L O P Q U V W X Y Z

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

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

Name: _____

Name Date

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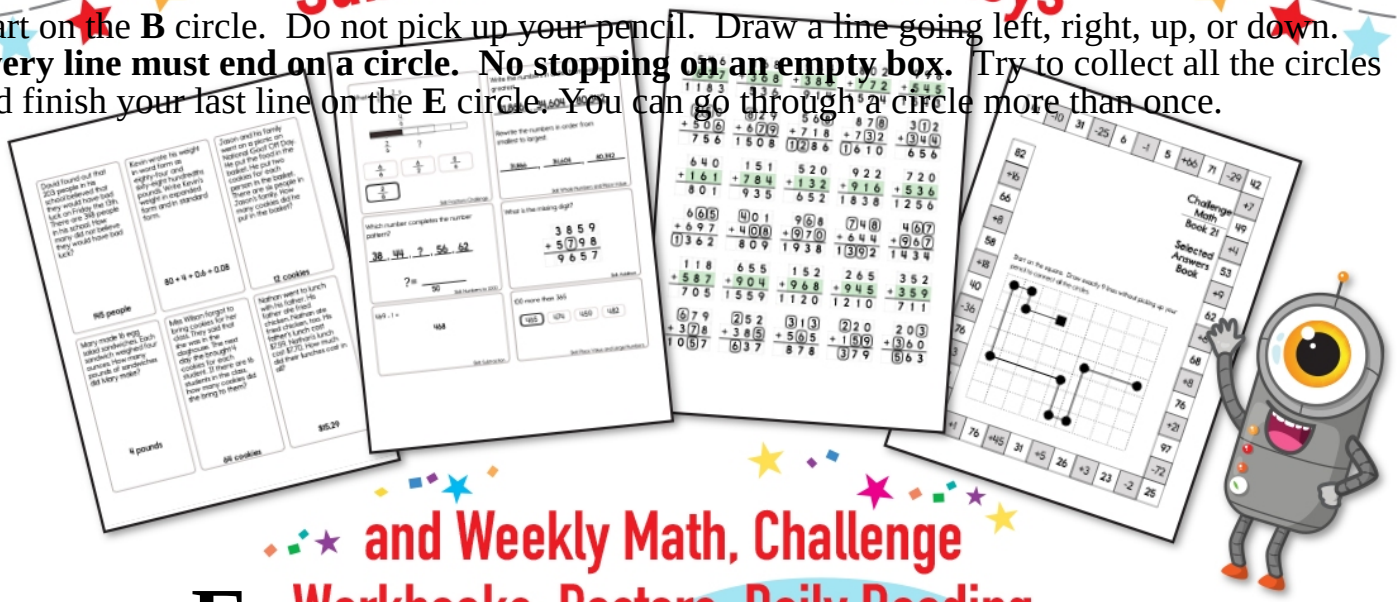
Start on the **B** circle. Do not pick up your pencil. Draw a line going left, right, up, or down. **Every line must end on a circle. No stopping on an empty box.** Try to collect all the circles and finish your last line on the **E** circle. You can go through a circle more than once.



E

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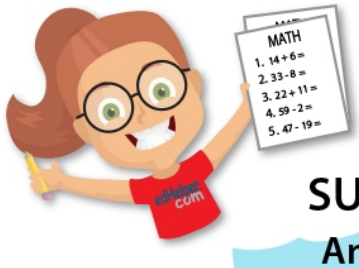

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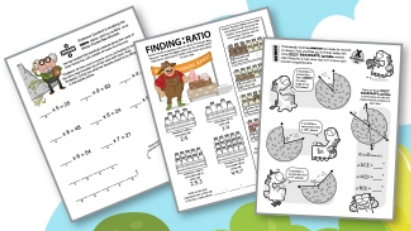

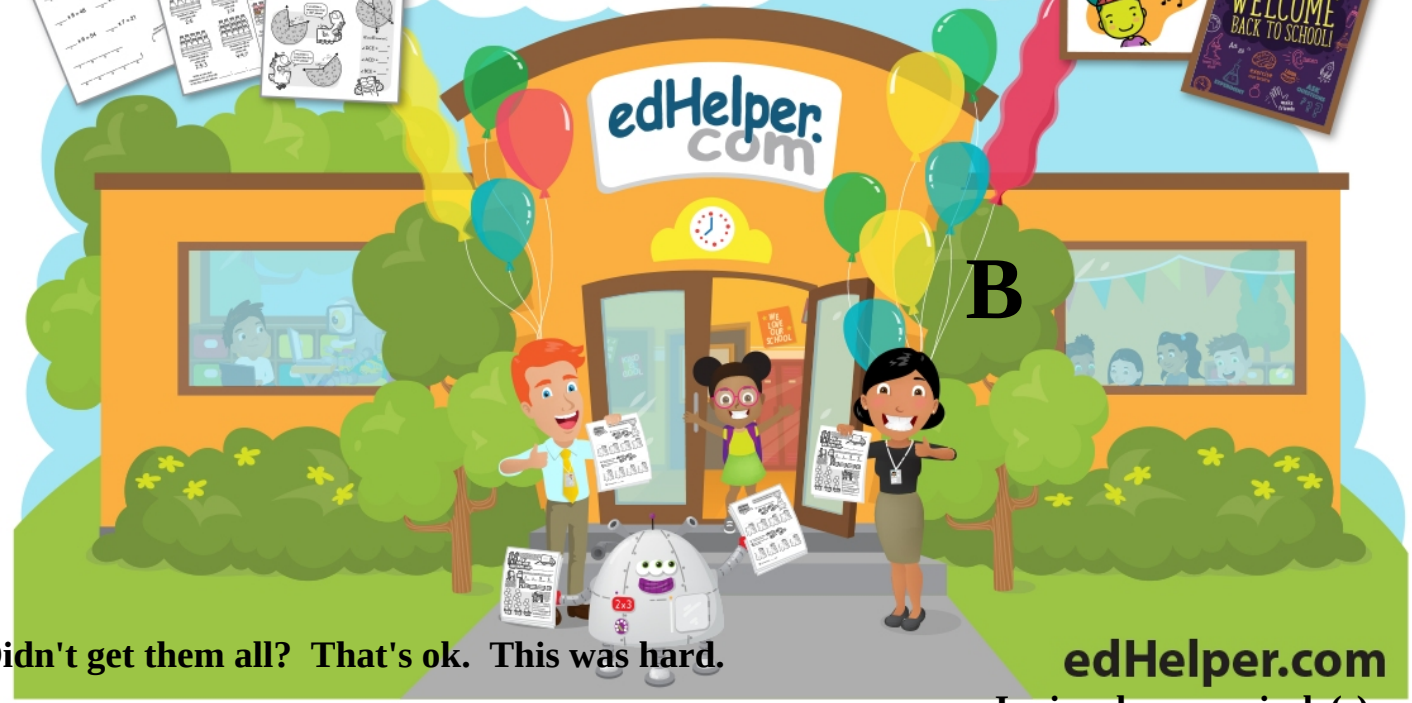

B

Didn't get them all? That's ok. This was hard.

edHelper.com

I missed circle(s).

Where can I get more of this great stuff?
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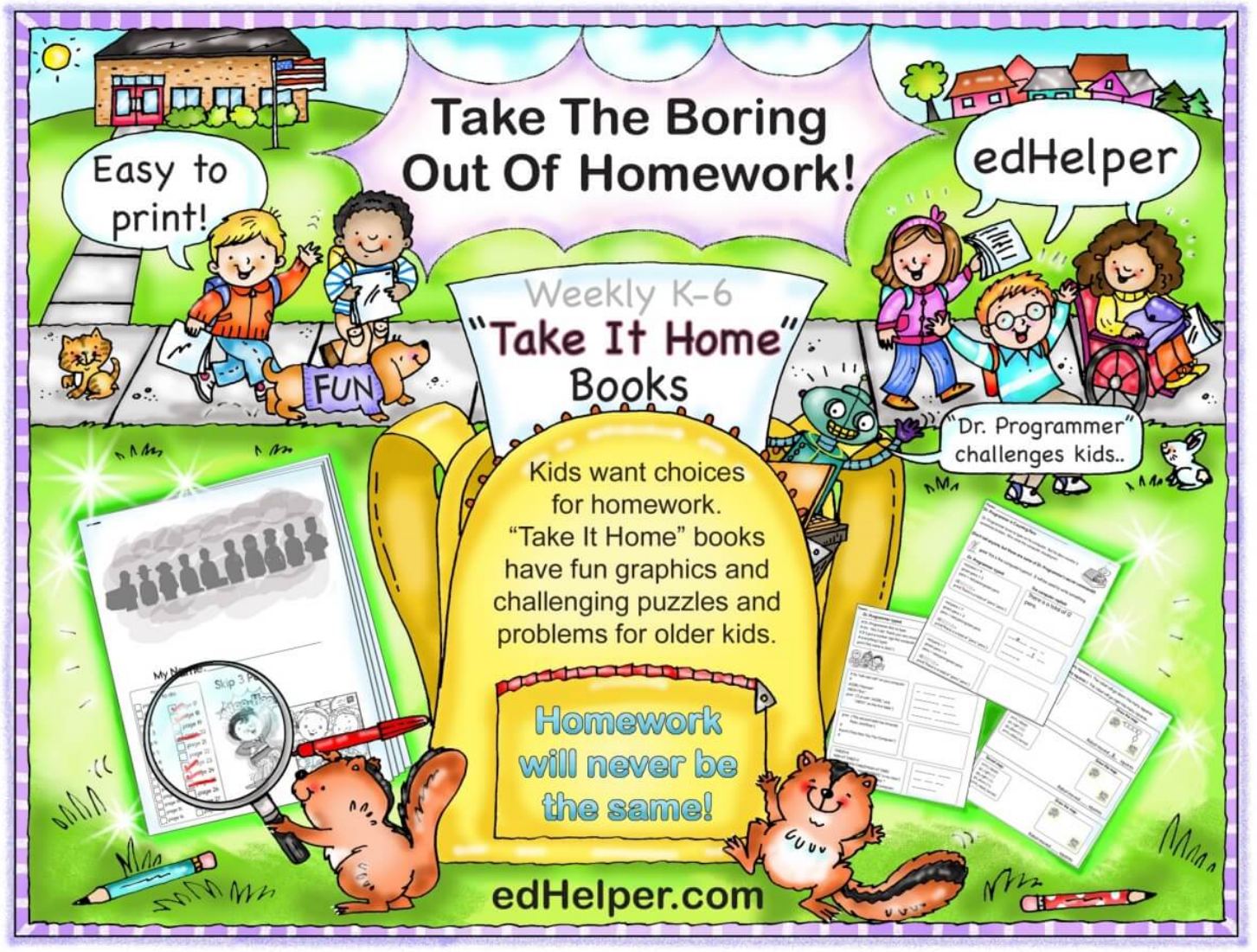
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