## Puzzle Challenge



My Name:

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## Hand in by <br> April 30.

Start on the square. Draw exactly 7 lines without picking up your pencil to connect all the circles. Look in this book for examples.


Feel free to hand in early!
$\square$
$\qquad$


## Name:

$\qquad$

|  | 44 | 44 | 43 |  | 33 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 44 | 43 | 33 | 32 | 22 | 2 | 33 | 34 | 5 | 4 | 4 | 54 | 43 | 33 | 2 | 2 | 2 | 3 | 3 | 3 |  |  | Orin |
|  | 33 | 33 | 22 | 22 | 21 | 12 | 23 | 33 | 34 | 55 | 5 |  | 33 | 32 | 21 |  | 2 | 2 | 2 | 3 |  |  |  |
|  | 33 | 31 | 21 | 12 | 21 | 12 | 22 | 23 | 35 | 55 | 5 | 53 | 32 | 22 | 2 |  | 2 | 1 | 2 | 1 | 33 |  |  |
|  | 33 | 3 | 22 | 2 | 22 | 22 | 22 | 22 | 25 | 5 | 5 |  | 22 | 2 | 22 | 2 | 2 | 2 | 2 | 3 | 33 |  |  |
|  | 43 | 33 | 32 | 2 | 21 | 21 | 11 | 12 | 5 | 55 | 5 | 52 | 21 | 11 | 2 |  | 2 | 2 | 3 | 3 | 34 |  |  |
|  | 44 | 43 | 33 | 32 | 22 | 2 | 11 | 12 | 5 | 55 | 5 | 52 | 21 | 11 | 2 | 2 | 2 | 3 | 33 | 3 | 44 | 4 | 俍 by |
|  | 44 | 4 | 33 | 33 | 32 | 22 | 22 | 22 | 25 | 5 | 5 | 52 | 22 | 22 | 22 | 2 | 3 | 33 | 34 | 4 | 44 |  |  |
|  | 44 | 4 | 43 | 33 | 33 | 22 | 21 | 12 | 2 | 55 | 5 | 52 | 21 | 12 | 22 | 3 | 3 | 3 | 44 | 4 | 44 | 4 | 1-orange |
|  | 44 | 4 | 44 | 43 | 33 | 32 | 22 | 22 | 25 | 55 |  | 52 | 22 | 22 | 23 | 3 | 3 | 4 | 4 | 44 | 44 |  |  |
|  | 44 | 4 | 43 | 33 | 33 | 2 | 11 | 12 | 25 | 5 | 5 | 52 | 21 | 11 | 12 |  | 3 | 3 | 4 | 4 | 44 |  | -yellow |
|  | 44 | 4 | 33 | 33 | 32 | 2 | 11 | 12 | 2 | 55 | 5 | 52 | 21 | 11 | 12 | 2 | 3 | 3 | 3 | 4 | 44 | 4 | 3-purple |
|  | 44 | 4 |  | 32 | 22 | 22 | 22 | 22 | 25 | 5 | 5 | 52 | 22 | 2 | 2 | 2 | 2 | 3 | 3 |  |  |  | 4-blue |
|  | 44 | 43 | 32 | 21 | 12 | 11 | 12 | 22 | 5 | 5 | 5 | 5 | 22 | 2 | 1 | 2 | 1 | 2 | 3 | 3 | 44 | 4 |  |
|  | 43 | 33 | 12 | 22 | 22 | 11 | 12 | 23 | 35 | 5 | 5 | 5 | 32 | 21 | 11 |  | 2 | 2 | 3 | 3 | 34 | 4 | 5-black |
|  | 43 | 33 | 22 | 22 | 22 | 22 | 22 | 23 | 34 | 5 | 5 | 43 | 32 | 22 | 2 | 2 | 2 | 2 | 2 | 3 |  |  |  |
|  | 33 | 1 | 21 | 11 | 12 | 12 | 22 | 23 | 34 | 4 | 4 | 43 | 32 | 22 | 21 | 2 | 1 | 1 | 21 | 1 |  |  |  |
|  | 33 | 2 | 21 | 11 | 12 | 22 | 23 | 33 | 34 | 4 | 4 |  | 33 | 32 | 22 | 2 | 1 | 1 | 2 | 2 |  |  |  |
|  | 33 | 3 | 22 | 22 | 22 | 23 | 33 | 34 | 44 | 4 |  |  | 43 | 33 | 32 | 2 | 2 | 2 |  |  |  |  |  |
|  | 44 | 3 | 33 |  | 33 | 33 | 34 | 44 | 4 | 4 | 4 | 44 | 44 |  |  |  | 33 | 3 |  |  |  |  |  |

Draw the Lamb

$\qquad$

$$
\begin{gathered}
1=0 \\
3= \\
5=t
\end{gathered}
$$

$$
2=p
$$

$$
3=s \quad 4=i
$$

difficult $\qquad$

Connect big happy its antonym. cold late each word to
toss $\qquad$
stone $\qquad$ its antonym.
$\qquad$

Circle the conjunctions in the word find.


Name: $\qquad$
TEAM • TOE • PEEKING • STAIR • BUFFALO • EXILE • BENEFACTOR GOAL • GAME • REST • PAN • WEDDING • WHICH • SOUP • GRAM PAIL • ORPHAN
Write each word into the puzzle.

$\square$
Name: $\qquad$
Complete the maze and then find the words. The words can only be found along your maze path.


Find and circle these words:

| ALONG | HURRY | PROVE |
| :--- | :--- | :--- |
| TIRE | TEA | SMALL |
| CORD | VETERAN | STREET |
| ASCENT | FLYCATCHER | CIRCUS |
| INCH | PREY | REDUCE |
| WHAM |  |  |

Name: $\qquad$

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.
Example:
Example:
$19+9+11-8=31$
$3+12+14-7=22$


Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.
Exactly one of the four numbers has to be one of these numbers: $-9,-7$, or -8 .
The other three numbers have to all be DIFFERENT and must be from these: $11,3,12$, 9 , 14, or 19.

edHelper
Name:
Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.
Exactly one of the four numbers has to be one of these numbers: $-3,-9$, or -8 .
The other three numbers have to all be DIFFERENT and must be from these: 19, 10, 5, 14,6 , or 13.


Write the final part of each math analogy.

12 groups of $3: 4$ groups of $9:: 12$ groups of 6 :
Explain why you think your answer is correct.

80, 82, 84, $\qquad$ : 86 :: 57, 59, 61, $\qquad$ :

Explain why you think your answer is correct.
third, fifth, seventh, $\qquad$ : ninth :: fourth, sixth, eighth, $\qquad$
Explain why you think your answer is correct.

$7-3+3+4$
$6-5+4+3+5$
Write this number:
4 thousands, 7 tens, 5 ones

5-1-3

$$
B, E, \ldots, K, N, Q \text {, }
$$

How many hours are there from 6 am. to 7 p.m.?

Name:
Shade in the boxes. Put an X in the boxes you do not shade. Add. The first one is done.


## edHelper

Name:
Shade in the boxes. Put an X in the boxes you do not shade. Add. The first one is done.

| Shade Shade $\begin{array}{ll} 0 & 2 \\ \downarrow & \downarrow \\ \hline \end{array}$ |  |
| :---: | :---: |
| - | Shade 2 |
|  | Shade 2 |
| 7 | Shade 1 |
| , | Shade 1 |
| Add. 6 |  |
|  |  |
| 6 |  |


edHelper.com/puzzle_workbooks_for_kids.htm

Name: $\qquad$
Solve the story using the clues. Fill in the chart using Y for yes or N for no.


## The Story

In class each student was given one fruit to try. Figure out which fruit each student tried.

## The Clues

1. Kaitlyn did not eat the peel on her fruit. It wouldn't taste good!
2. The person who tried the banana is either Taylor or Kevin.
3. Kevin did not try the cherry.
4. Taylor did not try the cherry.
5. Taylor did not try the banana.
$\square$
Name: $\qquad$
The block above is the sum of the two blocks below. Fill in the missing blocks.

$\square$
Name: $\qquad$
Draw a line from START to END.
467

237
396
418
Cross out the number you use above and then write it below.


Name:

Gavin had a vegetable garden. He planted tomatoes, peppers, potatoes, and peas in his garden. He took good care of his garden. When they were ready, he picked 10 pounds of
tomatoes, 8 pounds of peppers, 24
pounds of potatoes, and 3 pounds of peas. How many pounds of vegetables did he pick in all?

There are 13 pages about D-Day in Emily's book. There are some pages about D-Day in Jack's book, too. There are 28 pages about D-Day in all in the two books. Write an equation and solve it to find out how many pages about D -Day are in Jack's book.


2 less than 672
Write this number: 2 tens, 6 hundreds

April bought some corn. She spent 4 quarters, 5 dimes, and 7 pennies. How much did the corn cost?

Aiko made 17 cups of tea for the party. How many pints of tea did she make?

Robert made a scale drawing of the rock garden before he made the real one. On his drawing 1 in $=1 \mathrm{ft}$. The drawing has two sides that measure 14 inches and two sides that measure 9 inches. What is the perimeter of Robert's garden?

If you know $88+22=110$
Then what is $88+20$ ?

What number multiplied by two is twelve?

67
7

Name:


Write the number that is one thousand more than 5,657.

There are 2 groups of 3
rocks. How many rocks?

Is 438 closer to 400 or 500?

Name: $\qquad$
Can you draw lines to cover every number or shape in the picture?
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot! The first one is already done for you. Good luck.

Draw exactly 8 lines.
Start on 1.
Do not pick up your pencil.


Draw exactly 6 lines.
Start on the square.
Do not pick up your pencil.


Draw exactly 6 lines.
Start on 1.
Do not pick up your pencil.


Draw exactly 5 lines.
Start on the square.
Do not pick up your pencil.


Draw exactly 7 lines.
Start on the square.
Do not pick up your pencil.


Name: $\qquad$
Each box needs a number from 1 to 9 . You may re-use numbers.
One set of sums has been done for you.


Fill in the missing letters. Write kl or fl .
$\qquad$ ute
_OW
tic $\qquad$ e
an $\qquad$ e
quic $\qquad$
rec $\qquad$ ess

Name: $\qquad$
Which way does each word go? Write the word.


Fill in the numbers.


Write the final part of each math analogy.
three : third :: ten :
Explain why you think your answer is correct.


Name:

$12+\square=14$

$\qquad$ Date

1. How many insects do you see?
2. How many birds do you see?
$\qquad$
3. What sorts of activities can happen in this picture?
$\qquad$
$\qquad$
$\qquad$
4. After they eat, what might the boy and man do?
$\qquad$
5. Besides the boy and man, who looks like they are going to eat?
$\qquad$
6. Are the man and boy sitting on the grass?
7. Where else could they sit?
$\qquad$
8. What has 4 wheels and can be used to carry things?
9. What is the building used for?

Name:
What Words? Your Words!
Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.
Make a Word

Sum
21

Sum


## across $\longrightarrow$ down $\downarrow$

2. 
3.     - 
4. 



$$
\mathrm{Ca}_{-}
$$



Fill in the missing letters. Write ea or au.
$\qquad$ app $\qquad$ ring
$\qquad$ ther

d $\qquad$ ghter
s $\qquad$ m
f $\qquad$ It
$r$ $\qquad$ d
s $\qquad$
$\qquad$
gle
$\qquad$
f rless
___tomobile
$\dagger$ $\qquad$ r
def $\qquad$ It
$\qquad$ nt
___tomatic

Name:
Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn. You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The first puzzle shows a correct line going through all the circles.

Example:


Finish the line:

coil • worm • lean • sum
Each row, column, and box must have all the words from the word list. Write in the missing words.


Fill in the missing letters. Write ai or oi.
j $\qquad$ ned
$\qquad$ nt
mount $\qquad$ n v $\qquad$ ce
barg $\qquad$ n
h $\qquad$ $s t$
afr $\qquad$ d -

Name:
$\nabla 9 \times 2=18$
$\begin{array}{llllllllllllllll}6 & 9 & 54 & 8 & 2 & 7 & 2 & 7 & 7 & 6 & 8 & 47 & 8 & 4 & 2 & 2\end{array}$
$\square 8 \times 4=$
$\square 5 \times 9=$
$\square 12 \times 7=$
$\square 4 \times 7=$
$\square 10 \times 7=$
$\square 2 \times 11=$

$\square 8 \times 2=$ $\begin{array}{lllllllllllllll}9 & 6 & 12 & 70 & 84 & 9 & 16 & 7 & 7 & 8 & 8 & 9 & 5 & 6 & 22 \\ 54\end{array}$ $\begin{array}{llllllllllllllll}8 & 12 & 7 & 9 & 11 & 2 & 19 & 5 & 6 & 48 & 84 & 7 & 76 & 71 & 29 & 11\end{array}$ | 5 | 2 | 84 | 20 | 4 | 19 | 4 | 27 | 70 | 8 | 45 | 4 | 16 | 14 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |$\quad 16$ $\begin{array}{lllllllllllllll}2 & 71 & 4 & 7 & 29 & 12 & 3 & 8 & 2 & 16 & 32 & 4 & 8 & 22 & 7 \\ 16\end{array}$

$20169 \times 2=18321418 \quad 277622 \quad 2112$ $\begin{array}{lllllllllllllll}16 & 54 & 2 & 11 & 18 & 7 & 11 & 77 & 4 & 11 & 11 & 12 & 7 & 32 & 6 \\ 2\end{array}$
$\begin{array}{llllllllllllllll}7 & 8 & 19 & 22 & 4 & 19 & 21 & 2 & 5 & 7 & 7 & 14 & 29 & 11 & 2 & 47\end{array}$ $\begin{array}{llllllllllllll}8 & 29 & 48 & 12 & 4 & 22 & 6 & 8 & 8 & 19 & 10 & 6 & 9 & 28 \\ 2 & 2\end{array}$ $\begin{array}{lllllllllllllll}10 & 16 & 12 & 76 & 8 & 12 & 4 & 9 & 5 & 9 & 45 & 2 & 19 & 44 & 8 \\ 22\end{array}$ $\begin{array}{lllllllllllllll}8 & 78 & 11 & 24 & 45 & 8 & 70 & 22 & 2 & 7 & 10 & 16 & 27 & 9 & 7 \\ 5\end{array}$
$\square 6 \times 9=$
$\square 6 \times 8=$ $\square 7 \times 11=$


## Write

operation.
Write = sign. Circle.

$\nabla 9 \times 12=108$
$\begin{array}{lllllllllllllll}19 & 11 & 10 & 11 & 110 & 36 & 6 & 6 & 36 & 3 & 2 & 4 & 39 & 143 & 36\end{array} 15$
$\square 12 \times 12=$
$\square 2 \times 8=$
$\square 3 \times 2=$
$\square 10 \times 3=$
$\square 6 \times 7=$
$\square 6 \times 6=$
$\square 10 \times 11=$
$\square 4 \times 10=$
$\square 7 \times 8=$
$\square 8 \times 12=$

Name: $\qquad$
Oh, no. This picture is all mixed up. Try to redraw the picture using the letter and number as a guide.


Name: $\qquad$
Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.
HCURTAIN
O S S H A R P B
S I CMTGR
P X O E U T E I
I TRRROEG
T E N O T O S H
A E E S L L E T
Write the words found.
LNREELOG

## LOG

BRIGHT
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
conditioning • supposed • nervous • where • not • safe students • temperature-

It is $\qquad$ to be 120 degrees in Yuma on Monday. Mrs. Morris is that the school's air $\qquad$ system will
$\qquad$
$\qquad$ effectively keep her students cool when the
temperature
gets that high. She's tempted to close the school for the week.
She wants her $\qquad$ to stay home $\qquad$ they can be cool and $\qquad$ _.

$\square$
Name: $\qquad$
Find the way from START to END by passing only through numbers that are multiples of six.
You are not allowed to go diagonally. Good luck!

| staRt | 72 | 30 | 78 | 62 | 29 | 70 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 79 | 58 | 60 | 36 | 67 | 31 | 55 |
| 4 | 28 | 24 | 78 | 48 | 60 | 22 |
| 61 | 49 | 66 | 96 | 20 | 42 | 58 |
| 66 | 60 | 72 | 24 | 54 | 18 | 70 |
| 78 | 24 | 18 | 6 | 48 | 90 | 48 |
| 24 | 54 | 72 | 96 | 66 | 88 | 30 |
| 60 | 30 | 18 | 36 | 42 | 24 | 72 |
| 90 | 42 | 24 | 12 | 7 | 51 | 28 |
| 96 | 30 | 42 | 60 | 72 | 6 | END |

$\square$
Name: $\qquad$

Pick up all of the robots from the game board. Start on the $\mathbf{B}$ circle. Do not pick up your pencil. Draw a line going left, right, up, or down. Every line must end on a robot or the E circle. No stopping on an empty box. Try to collect all the robots and end your last line on the $\mathbf{E}$ circle. You can go through a robot more than once.

Part of the line has already been drawn for you.


Didn't get them all? That's ok. This was hard. I missed only $\qquad$ robot/robots.



