

# Puzzle Challenge



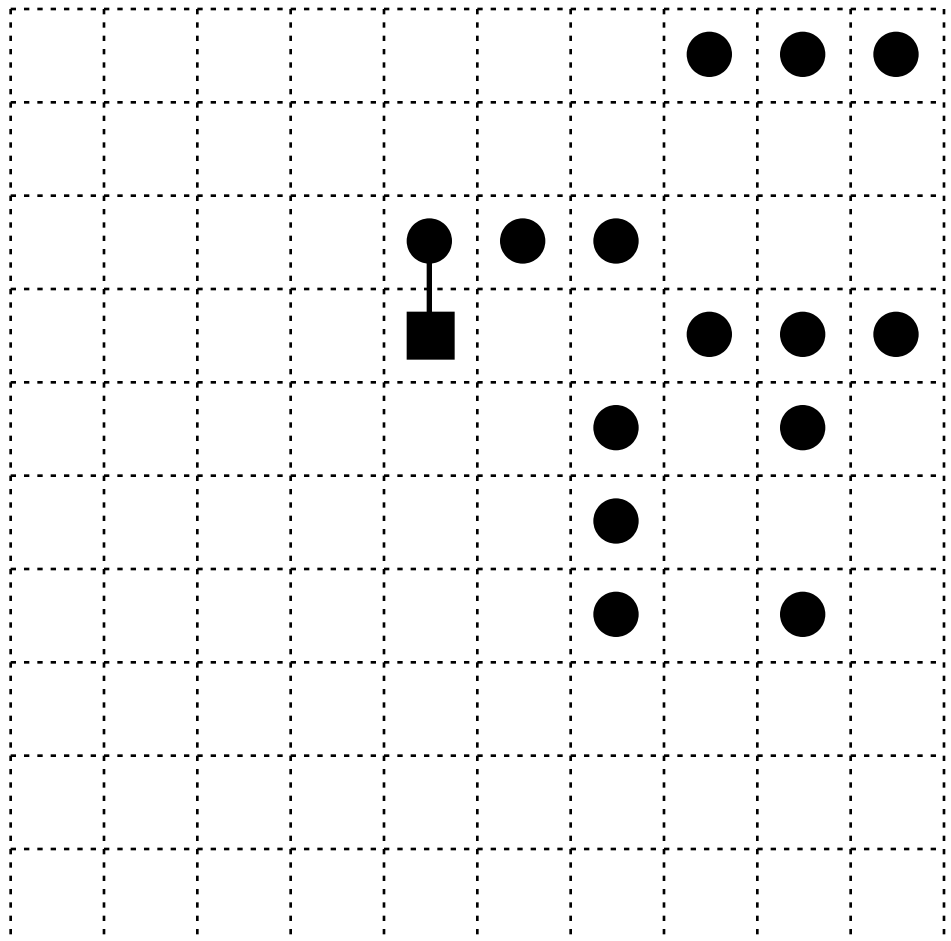
My Name: \_\_\_\_\_

Skip 3  
pages.

- |                                  |                                  |
|----------------------------------|----------------------------------|
| <input type="checkbox"/> page 1  | <input type="checkbox"/> page 18 |
| <input type="checkbox"/> page 2  | <input type="checkbox"/> page 19 |
| <input type="checkbox"/> page 3  | <input type="checkbox"/> page 20 |
| <input type="checkbox"/> page 4  | <input type="checkbox"/> page 21 |
| <input type="checkbox"/> page 5  | <input type="checkbox"/> page 22 |
| <input type="checkbox"/> page 6  | <input type="checkbox"/> page 23 |
| <input type="checkbox"/> page 7  | <input type="checkbox"/> page 24 |
| <input type="checkbox"/> page 8  | <input type="checkbox"/> page 25 |
| <input type="checkbox"/> page 9  | <input type="checkbox"/> page 26 |
| <input type="checkbox"/> page 10 | <input type="checkbox"/> page 27 |
| <input type="checkbox"/> page 11 | <input type="checkbox"/> page 28 |
| <input type="checkbox"/> page 12 | <input type="checkbox"/> page 29 |
| <input type="checkbox"/> page 13 | <input type="checkbox"/> page 30 |
| <input type="checkbox"/> page 14 |                                  |
| <input type="checkbox"/> page 15 |                                  |
| <input type="checkbox"/> page 16 |                                  |
| <input type="checkbox"/> page 17 |                                  |

Start on the square. Draw exactly 9 lines without picking up your pencil to connect all the circles.

Look in this book for examples.



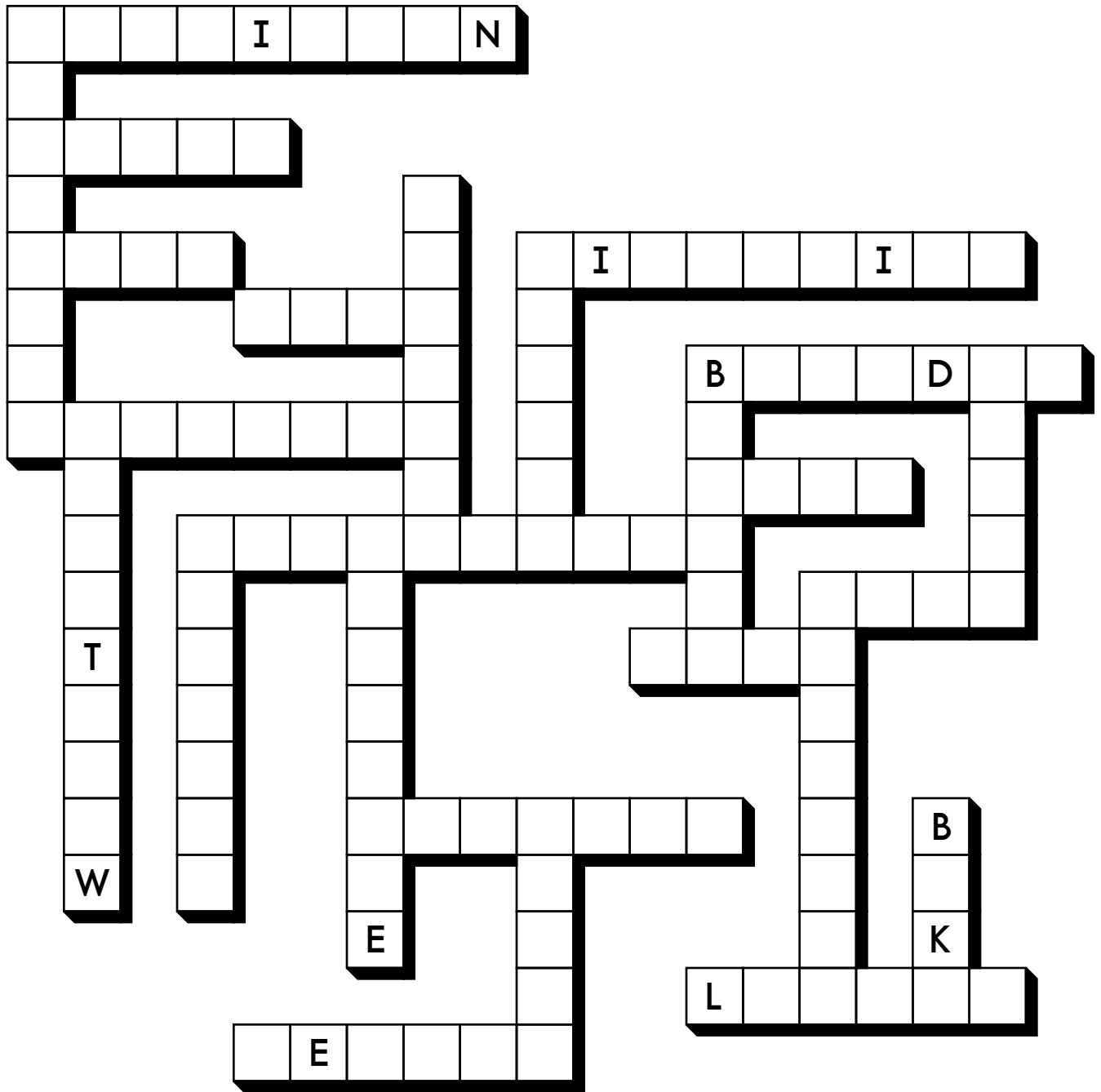
Hand in by  
May 31.

Feel free to hand in early!

Name: \_\_\_\_\_

NICKNAME • CAPABLE • CHARCOAL • COPY • EBONY • OVERTHROW  
PITY • SELLER • LISTEN • LOUNGING • DAZE • FREIGHT • CONDITION  
TRIM • SIGNALING • AROSE • BAKE • ACRONYM • MEAGER  
COUNTERACT • BOUNDED • OFFER • PREVIOUS • BOTTLE • HEAR

Write each word into the puzzle.



Name: \_\_\_\_\_

Complete the maze and then find the words. The words can only be found along your maze path.

```

TPFXHGTNXHGGHNEADCOHOBUHVIGCGHSJWTHAYKCLPLEHQVCJJIGCNDFLHOWNJNIKMSMXTODYBIVXJVRFTTH
A      O      M      F      B      H      B      T
P      D      A      T      G      O      N      E
C      O      E      KQTH      F      AIOJ      X      DTADJVB      C      PBPVN      MUNMUUL      GGPW      MTAELMFTTIARHKXE      F      B
J      W      N      N      B      E      R      V      K      A      L      Y      N      V      U      G
H      R      S      M      A      N      D      C      M      P      U      E      T      Q      I      U      G
N      PURV      N      JMNUEJK      G      B      GDVX      K      Y      U      QDMF      MJEIHSDXGSDEA      GMVOKKS      Q      TXVQ      U
X      O      U      A      M      F      R      I      S      P      B      X      F      D      F
V      N      J      G      T      Y      K      F      O      O      M      B      Q      H      B
YMIJGEJJHO      W      O      PEARMQNYJSXUH      QRNSRDA      N      UQJNAFP      Q      FSYYQCEPCJ      N      Y      L      QPKV
G      J      F      P      P      K      O      L      X      M      J      V      J
B      T      P      H      F      E      N      H      K      L      Q      B      G
T      GQLUVQGBXF      DTND      E      LVOXCQGGJGWRGM      CJXS      W      R      FFRYBUF      RCJO      X      R      LCRSPNC      E
H      Q      R      V      T      Q      X      D      Q      L      W      V      W      T      D      I      E
V      C      N      E      M      T      U      D      Q      Y      X      V      Y      E      X      M      Q
Y      J      UYBA      G      W      P      N      R      A      U      HRDRSKQ      XBHJ      YIWANTA      S      LHRC      X      IICM      O      VPMU
D      I      C      E      A      T      L      N      R      D      K      U      I      B      B      H
Y      M      K      C      A      K      M      Q      S      T      L      K      F      H      H      K      J
D      MEMG      ADDGPKK      IBHVQNJ      N      W      V      KAHQSRKCOELRC      KDWP      F      T      LHHLGTMGICKAPEHX      H
U      F      C      N      U      Y      W      W      H      X      A      J      E      X      E
G      R      U      Y      I      P      U      D      H      P      T      O      J      B      V
N      G      L      V      ULSJ      F      W      MDWU      CBJJNNO      J      RVEO      R      KUIEDVBVSSNFQ      J      HLQH      FAFB      K
F      Y      B      N      W      F      N      X      E      T      A      V      L      M      E      A      M
K      X      B      U      K      S      W      Y      G      G      D      T      B      E      H      X      F
A      N      G      OUFM      O      P      JJUGVTW      F      SHRG      Y      U      H      DVKE      Y      UVMV      Y      YCCJ      GIWG      SASR
O      F      F      H      Y      X      R      E      A      L      S      R      R      J      E      A      X      E      D      I
D      H      R      V      I      J      A      J      O      A      N      N      A      N      L      Y      O      R      W      S
A      E      J      YQED      RUXIWUL      V      I      HULCMLOYBV      T      MNCI      X      O      G      M      I      K      YNDS      NQCL      J
U      F      M      H      J      F      U      S      E      P      V      K      U      E      J
W      X      C      U      K      O      W      X      S      D      R      B      Y      N      V
F      F      EEBH      THWCDBUSIERQ      SCQK      R      S      ERNM      QNBWUSSJYIYDJ      VGXG      SHPS      EUKQVRKCTM
D      U      X      G      A      M      P      O      U      P      Y      Q      Y      G      U      M
W      S      P      U      K      R      O      Y      B      G      F      M      X      X      V      E
U      T      B      A      PUOB      MCOFBAKTRQ      S      MKCGKQM      QXYW      M      M      FTGL      J      X      M      YFFX      JIXB      C
O      R      Q      W      E      P      M      N      E      A      R      Q      V      H      Y      O      D
T      H      N      Q      Y      A      L      X      H      I      R      M      J      D      T      X      V
G      IWYK      DPUH      B      NMPWNAI      B      K      F      U      VUFK      MTOUIHV      A      YJUDFEPUKPTOD      M      L      X      M
K      V      J      V      D      J      F      U      F      A      G      Q      L      Q      K      T
Q      S      D      Y      P      A      G      N      X      Q      L      P      X      G
J      LCFXEEIIRE      P      J      ALVB      IJIHFTE      JHWP      Y      JRONBFFXLONYP      E      MNBK      I      HTTF      S      J
J      N      F      D      F      S      S      M      S      P      O      R      B      L      C      C
T      A      V      E      M      X      Q      P      Y      V      G      T      U      Q      V      G
DFNYESTERDAYSWLANWF      G      J      V      N      QJXLVWU      D      G      E      W      H      R      X      QVSRQJMIUS      W      W
N      L      Q      E      W      Q      S      E      Y      A      U      F
C      Q      F      T      Y      W      I      X      D      K      T      N
N      W      D      GTLF      HXGPBTP      PKXPMDPRJH      LQAYPBHBWJ      CVXJARCWWDVNLNXACNGXEU      LKOTMUG      Q
X      G      F      T      U      L      X      L      Y      Q      P      N      T      H
S      H      V      S      G      R      J      P      H      U      E      B      N      H
Y      L      QMGD      W      APDPXUELFLGLAL      XLEHBOJ      NYSS      YXKO      T      P      V      D      YJRR      JDAO      OWPT      N
O      A      M      M      G      J      B      F      M
R      Q      R      F      R      B      M      F      M
IMVWWXS DTPVRQCPMNTPCCVRJJQGCEQILOSRIWRSKGVYDGMAXBCCRGO THIMIWCBSRJJFDNNMCWBYGFBCSIS

```

Find and circle these words:

REGULATES	YESTERDAY	BUSIER
-----------	-----------	--------

Name: \_\_\_\_\_

3 • x • 6 • 2 • ÷ • 5 • 5 • ÷ • 5 • 4 • = • 4 • 1 • 8 • = • 4 • 1  
2 • 2 • 0

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

2	3	9	=	2	7	x	7	=	4	
+		-				x				
	÷	1	=	1	0		2	=		
=		x	=					=		
4	3		+	9	=	6	-	3		
+		-						5		
3	3	0	x	1	=	0			x	
						x			6	
							4	÷	8	=
	6	+		=	8					3
									2	
									4	

Anna wants Amanda to guess a three digit number. She tells Amanda that her number has three different digits. The digits are 5, 1, and 3. Amanda thinks. She then guesses the number 135. What are the chances that Amanda has guessed correctly?

How many feet are in 4 yards?

\_\_\_\_\_ feet

Write a letter that has two or more lines of symmetry.

\_\_\_\_\_



Write 9,470 in words.

\_\_\_\_\_

1 km = 1,000 m

8 km = \_\_\_\_\_ m

Name: \_\_\_\_\_

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

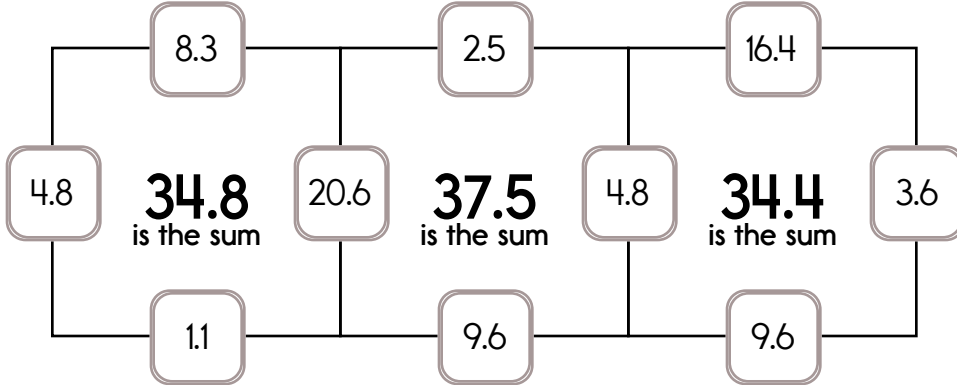
Example:

$$4.8 + 20.6 + 8.3 + 1.1 = 34.8$$

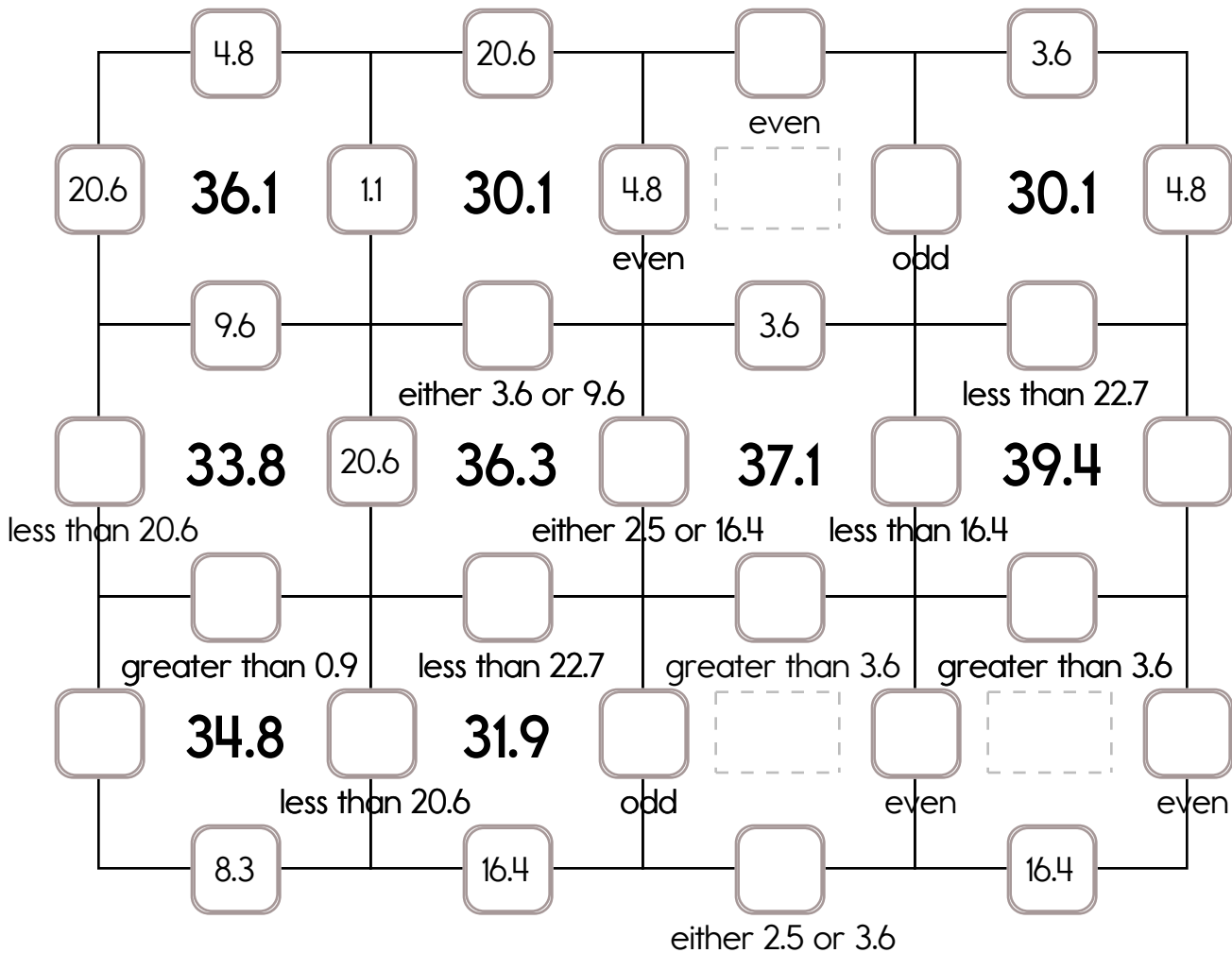
Example:

$$4.8 + 3.6 + 16.4 + 9.6 = 34.4$$

Sample:



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: 16.4, 22.7, or 20.6. The other three numbers have to all be DIFFERENT and must be from these: 2.5, 8.3, 9.6, 0.9, 3.6, 4.8, or 1.1.



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: 17.8, 14.8, or 13.5. The other three numbers have to all be DIFFERENT and must be from these: 4.2, 9.1, 3.6, 1.1, 2.8, or 0.5.

	9.1		13.5		14.8			
						less than 13.5		
1.1	<b>27.8</b>	2.8	<b>21</b>	1.1		4.2	<b>21.8</b>	13.5
				odd				
	14.8						3.6	
		either 2.8 or 3.6		either 1.1 or 0.5				
	<b>20.6</b>		<b>22.4</b>		<b>21</b>		<b>23.1</b>	
less than 17.8		greater than 0.5		odd		less than 9.1		either 0.5 or 3.6
	even		less than 9.1		even		either 0.5 or 14.8	
	<b>24.2</b>		<b>30.4</b>		<b>29</b>		<b>28</b>	0.5
either 13.5 or 3.6		odd				greater than 2.8		
	either 3.6 or 1.1		either 13.5 or 9.1		greater than 9.1		odd	
	<b>23.6</b>		<b>19.3</b>		<b>21</b>		<b>28.4</b>	
even		even		even		less than 13.5		greater than 1.1
	odd		greater than 0.5		either 0.5 or 9.1		greater than 2.8	
	<b>31.6</b>		<b>29.2</b>					
		odd		greater than 9.1		less than 17.8		
	even				either 0.5 or 1.1		odd	

Name: \_\_\_\_\_

**Sudoku Sums of 17**

Each row, column, and box must have the numbers 1 through 9.  
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 17.

Here is an example of a sudoku sum of 17:

1	16
---	----

	8				9		4	7
	4	2			6	3	1	
			3		2			6
2		8		7		4		1
4	1	6			8		7	
	7							
				2	4	7	8	
7							9	

$$\begin{array}{r} 675 \\ - 538 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ + 49 \\ \hline \end{array}$$



$$\begin{array}{r} 492 \\ + 414 \\ \hline \end{array}$$

$$(9 + 5) + 2 =$$

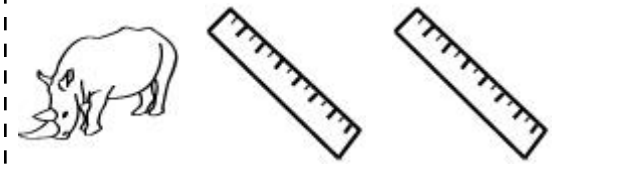
$$18 \text{ lb} = \text{_____} \text{ oz}$$

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 NOT in the correct spot.



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

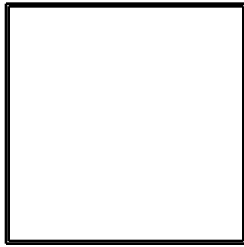
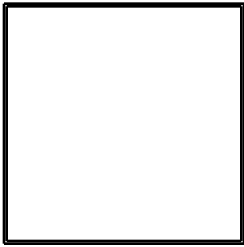


! Draw 1 of these 3 pictures.  
! The picture IS in the correct spot.



! Draw 2 of these 3 pictures.  
! The pictures to use are in the correct spot.

Draw the 3 pictures in the correct order:



$14.6 - 1.18 =$

$$\begin{array}{r} 0.6 \\ - 0.1 \\ \hline \end{array}$$

$$\begin{array}{r} 0.7 \\ - 0.54 \\ \hline \end{array}$$

E, G, I, K, M, O,  
\_\_\_\_\_, S, U, W

80, 88, 96, 104, 112,  
\_\_\_\_\_, 128

81 divided by 9 equals

$72 \div 8 =$

Circle the correctly spelled word.  
voyage, wear, shallow





Name: \_\_\_\_\_

Alexander, Joseph, Elizabeth, and Makayla are students. They are each in a different grade (fifth, second, third, and fourth). Each of the students has a different favorite subject in school (science, social studies, art, and spelling).

Match each student with their favorite subject and the grade that they are in.

- Alexander and Elizabeth both enjoy art, but it is not their favorite subject.
- Alexander and Makayla both enjoy science, but it is not their favorite subject.
- Social studies is the favorite subject for either the fourth or third grade student.
- Social studies is the favorite subject for either the third or fourth grade student.
- Joseph is in a higher grade than Makayla and is in a higher grade than Alexander.
- Makayla is in a higher grade than Alexander.
- Elizabeth is in a lower grade than Alexander.
- The second grade student's favorite subject is spelling.
- When Joseph was in the second grade, his favorite subject was art. Now, Joseph prefers a different subject.

Alexander's favorite subject is \_\_\_\_\_. Alexander is in the \_\_\_\_\_ grade.

Joseph's favorite subject is \_\_\_\_\_. Joseph is in the \_\_\_\_\_ grade.










Elizabeth's favorite subject is \_\_\_\_\_. Elizabeth is in the \_\_\_\_\_ grade.

Makayla's favorite subject is \_\_\_\_\_. Makayla is in the \_\_\_\_\_ grade.

Draw ONE continuous line that touches every box ONCE.

Count by 11s. Find the box with the number 164. Move up, down, right, or left.

Keep counting until you reach 384. Do not move into a spot with a ghost.

		-- --			164--	-- 175--	--	
-- --	285			--		208--	--	
384	-- --							

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																		
<table border="1"> <tr> <td></td><td></td><td>1</td><td>2</td><td>4</td><td>8</td><td>14</td><td></td><td></td> </tr> <tr> <td>R</td><td>E</td><td>E</td><td>F</td><td>S</td><td></td><td></td><td></td><td></td> </tr> </table>			1	2	4	8	14			R	E	E	F	S					7
		1	2	4	8	14													
R	E	E	F	S															
<table border="1"> <tr> <td>1</td><td></td><td>2</td><td>4</td><td>8</td><td>12</td><td>18</td><td></td><td></td> </tr> <tr> <td></td><td>U</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>	1		2	4	8	12	18				U								
1		2	4	8	12	18													
	U																		
<table border="1"> <tr> <td>1</td><td>2</td><td></td><td></td> </tr> <tr> <td>T</td><td>A</td><td></td><td></td> </tr> </table>	1	2			T	A													
1	2																		
T	A																		
<table border="1"> <tr> <td></td><td>1</td><td>2</td><td>4</td><td>6</td><td>10</td><td>16</td><td></td><td></td> </tr> <tr> <td>S</td><td>I</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>		1	2	4	6	10	16			S	I								
	1	2	4	6	10	16													
S	I																		

Make a Word	Sum																		
<table border="1"> <tr> <td></td><td>1</td><td>2</td><td>4</td><td>6</td><td>10</td><td>16</td><td></td><td></td> </tr> <tr> <td>A</td><td>P</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>		1	2	4	6	10	16			A	P								
	1	2	4	6	10	16													
A	P																		
<table border="1"> <tr> <td>1</td><td></td><td>2</td><td>4</td><td>6</td><td>12</td><td>18</td><td></td><td></td> </tr> <tr> <td></td><td>A</td><td>B</td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>	1		2	4	6	12	18				A	B							
1		2	4	6	12	18													
	A	B																	
<table border="1"> <tr> <td></td><td>1</td><td>2</td><td>6</td><td>10</td><td>16</td><td>22</td><td></td><td></td> </tr> <tr> <td>D</td><td>E</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>		1	2	6	10	16	22			D	E								
	1	2	6	10	16	22													
D	E																		
<table border="1"> <tr> <td></td><td>1</td><td>2</td><td>4</td><td>6</td><td>10</td><td>16</td><td>22</td><td></td> </tr> <tr> <td></td><td>L</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>		1	2	4	6	10	16	22			L								
	1	2	4	6	10	16	22												
	L																		

Draw one line to find two words in each puzzle. The bold letters start each word. You can move left, right, up, or down. Write the two words that you find.

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

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

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

\_\_\_\_\_  
 \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_

$$\begin{array}{r} 26 \\ - 15 \\ \hline \end{array}$$

Circle the digit in the hundredths place.  
 232.914

Circle the correctly spelled words.  
 selebration, capeble, available

How many digits are in the number of days in the current month?  
 \_\_\_\_\_

Name: \_\_\_\_\_

**Mental break. Time to use a pencil for this more challenging page. Good luck!**

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

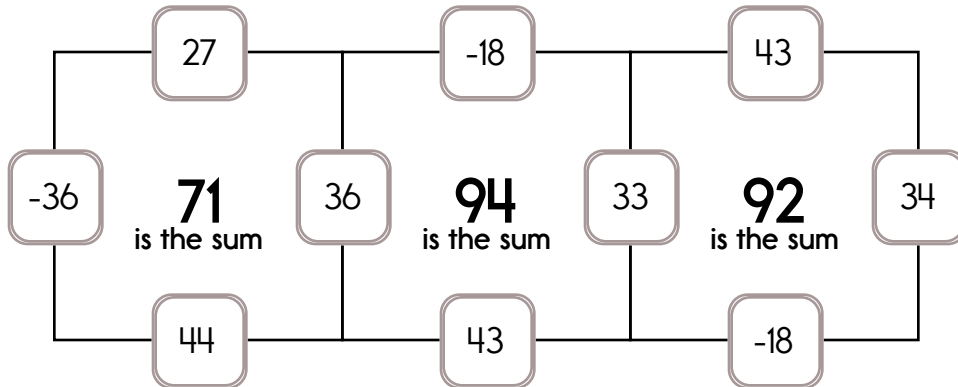
Example:

$$36 + 27 + 44 - 36 = 71$$

Example:

$$33 + 34 + 43 - 18 = 92$$

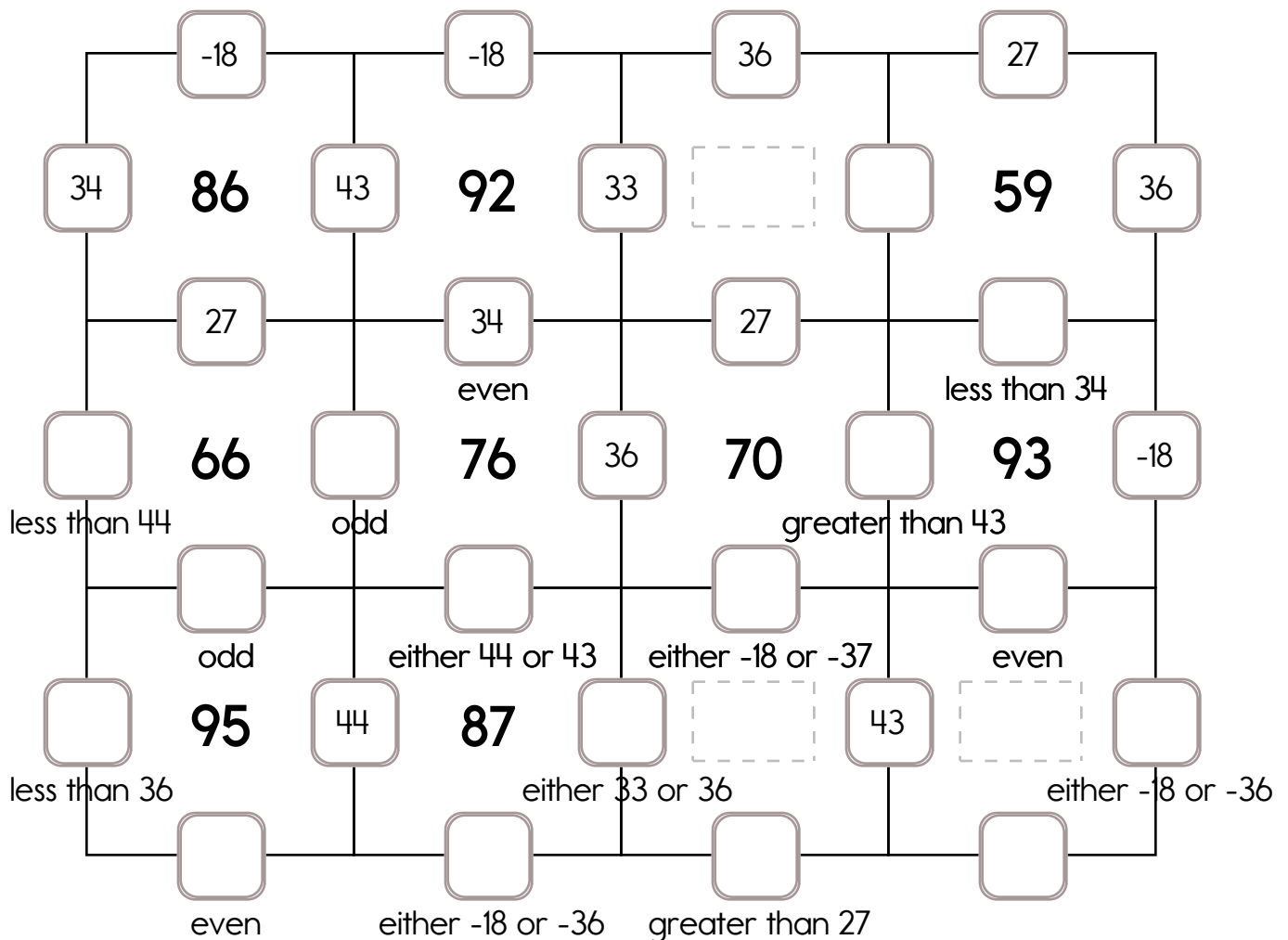
Sample:



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: -37, -36, or -18.

The other three numbers have to all be DIFFERENT and must be from these: 43, 36, 27, 44, 33, or 34.



I did page 11

I decided to skip this page  
edHelper

Name: \_\_\_\_\_

The sum of twenty-one and twenty-eight is forty more than a number. What is the number?

Two-fifths of a number equals 612. What is the number?

If ten is added seventeen times to a number, the result is 256. What is the number?

Eight times a number is  $37\frac{1}{3}$ . What is the number?

Name: \_\_\_\_\_

Maria loves to read. She would rather read than eat! Last week she read 1,675 pages. Round off the number of pages she read to the nearest thousand.

Wendy collects pictures of state flowers and puts them in a scrapbook. She can put 5 pictures on each page. So far, she has filled 10 pages. How many pictures does she have?

There are 215 pages in Justin's book about Leonardo Da Vinci. If he reads 8 pages each day, how long will it take him to finish the book?

A rectangle is 27 cm on one side and 8 cm on another side. What is the perimeter?

Write the missing family fact.  
 $112 \div 16 = 7$   
 $112 \div 7 = 16$   
 $16 \times 7 = 112$

What is 50% of 1,590?

It was such pandemonium. There were 1,235 cars stopped on the highway by an accident. If there were an average of 3 people in each car, how many people were waiting in the cars in all?

Each month the average person in the United States eats about 30 ounces of candy. About how many ounces of candy does the average American eat in two years?

Anne wants to make carrot cake. Her recipe calls for  $\frac{3}{4}$  cup of grated carrots. She has grated  $\frac{1}{2}$  cup. How much more carrot does she have to grate?

G, H, \_\_\_\_\_, I, I, J, J,  
K, K, L

A toy car can go 5 mph. How long would it take to go 12 miles?

Yummy Donuts gave three dozen chocolate donuts and four dozen jelly donuts to the school. How many donuts did they give?

Name: \_\_\_\_\_

Holly is feeling a lot of stress. She knows she has the most candy, but Jacob says he has the most. They both have equal-size bags. Jacob's bag is  $\frac{3}{4}$  full. Holly's bag is  $\frac{2}{5}$  full. How much fuller is Jacob's bag than Holly's?

Peter and his friends are planning a trip to the World Eskimo-Indian Olympics in Fairbanks, Alaska. It is 2,840 miles from their town to Fairbanks. If they drive 350 miles each day, how long will it take them to get to Fairbanks?

Kevin and Robert built a ramp to help them do roller skating stunts. The edges of the ramp formed a triangle with sides that were 3.5 feet long, 5.8 feet long, and 3 feet long. What is the perimeter of the triangle?

(46,656) , \_\_\_\_\_,  
(1,296) , (216) , (36) ,  
(6) , (1) ,  $\frac{1}{6}$  ,  $\frac{1}{36}$  ,  $\frac{1}{216}$

How much money is 1 quarter, 1 dime, 8 nickels, and 1 penny?

The perimeter of a rectangle is 20 cm. The longer side is 8 cm. How long is the shorter side?

Amy made a huge sugar cookie 15 inches x 10 inches. She decorated it with red, white, and blue sugar to look like an American flag. She cut it into 2 inch x 2 inch pieces. How many pieces could be cut from the huge sugar cookie?

The fifth grade class baked twelve dozen brownies for the bake sale. Each brownie was a four inch square. They put four brownies in each package. What was the total area of the four brownies?













The artist used 170 ml of red paint on the huge canvas. What fraction of a liter did he use?

Name: \_\_\_\_\_

Each row, column, and box must have the numbers 1 through 6. The first box is done.

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

Each row, column, and box must have 6 different pictures.

Name: \_\_\_\_\_

Circle words to the RIGHT or DOWN. When you are done, use the letters that are left to find a mystery word. Put a square around each letter left over. The first 2 letters that do not form a word are rectangled.

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

Write the words found.

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

The secret word is all that is left. It consists of all the letters that did not form a word. What is it?

**L** **E**

Using the words from the puzzle, write a different word on each line. Explain what it means.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_













Name: \_\_\_\_\_

Each row, column, and box must have the numbers 1 through 6. The first box is done.

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

Each row, column, and box must have 6 different pictures.

Name: \_\_\_\_\_

**Sudoku Sums of 10**

Each row, column, and box must have the numbers 1 through 9.  
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 10.

Here is an example of a sudoku sum of 10:

5	5
---	---

6				1	2		9	
	4		5		7	1	6	
9				4		7		
						9	1	
8	2	9	3					
				2		6		
		7	9	3				
5		3				4		9

What is the least common multiple of 12 and 9?

$$28 - n = 13$$

$$x - 7 = 22$$

Name: \_\_\_\_\_

Each row, column, and box must have the numbers 1 through 9.

	2			5				4
						8		
4						2	7	9
		9			5		4	7
	3	2		4			1	
	6				3	9		
	5							1
					9		2	
			7	2	4	6	3	

It was 79 degrees outside.  
What would the temperature be if it got 13 degrees colder?

Write  $\frac{3}{12}$  in lowest terms.

$$4\frac{3}{6} + 2\frac{5}{6}$$

Insert commas in the correct places in this sentence.

I love peas carrots and broccoli in my salad.

Insert punctuation marks into this sentence.














When will we have the next full moon Jeff asked his father.

I did page 19 I decided to skip this page  
edHelper

Name: \_\_\_\_\_

$74\frac{1}{2}$	$-3\frac{1}{2}$		$+18$		$+\frac{2}{12}$			
						$+59$		
	$-5$	$179\frac{2}{3}$	$+31$		$+\frac{1}{2}$			
$+50$								
	$+\frac{9}{12}$		$+\frac{1}{2}$		$+28$		$-6\frac{6}{12}$	$247\frac{5}{12}$

Draw ONE continuous line that touches every box ONCE.  
Count by 2s. Find the box with the number 311. Move up, down, right, or left.  
Keep counting until you reach 423. Do not move into a spot with a ghost.

			⋮		---			⋮	
			397	367	⋮			⋮	
			363	---	⋮	385	---	317	331
		359					313		
	⋮		355	⋮			311		
	⋮		421	⋮				⋮	
	⋮		423			---		341	

Name: \_\_\_\_\_

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

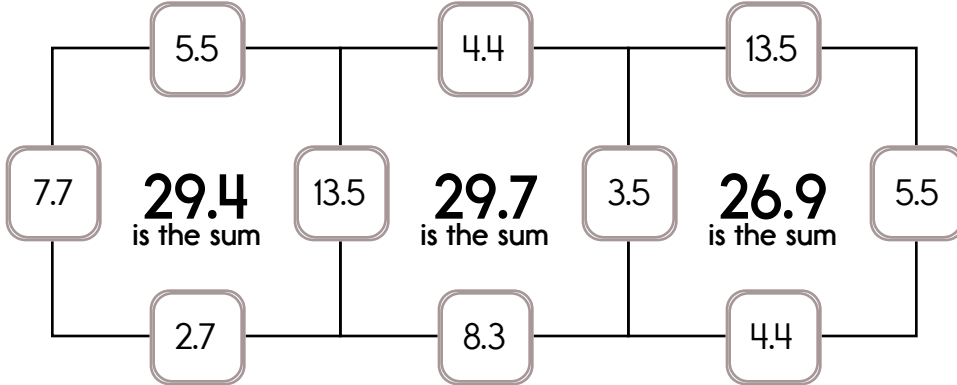
Example:

$$7.7 + 13.5 + 5.5 + 2.7 = 29.4$$

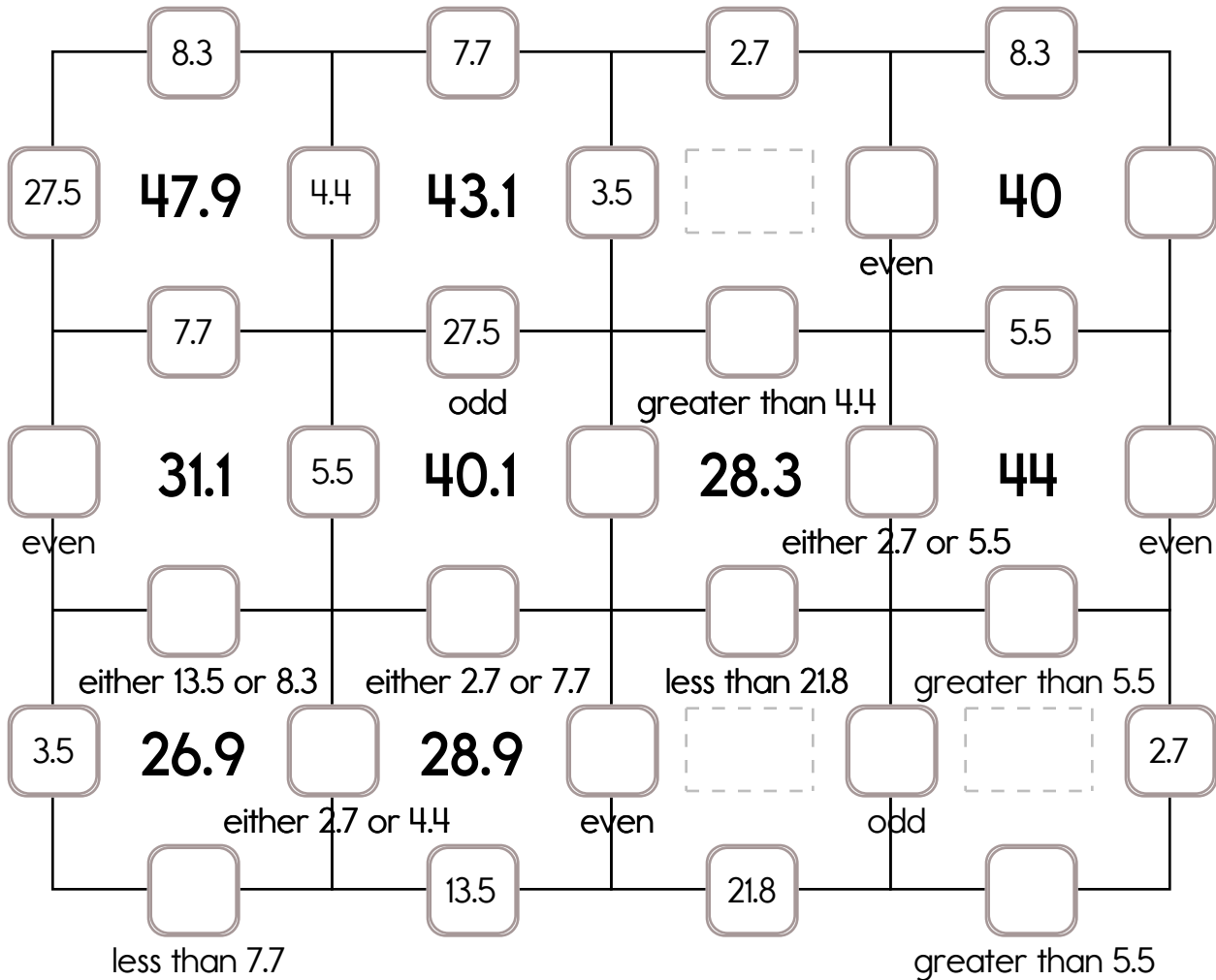
Example:

$$3.5 + 5.5 + 13.5 + 4.4 = 26.9$$

Sample:



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: 13.5, 21.8, or 27.5. The other three numbers have to all be DIFFERENT and must be from these: 7.7, 4.4, 3.5, 2.7, 5.5, or 8.3.



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: 17.7, 27.1, or 24.5. The other three numbers have to all be DIFFERENT and must be from these: 3.4, 8.1, 1.7, 6.5, 4.9, or 2.7.

	4.9		24.5		17.7		6.5	
			less than 27.1					
1.7	<b>36.4</b>	2.7	<b>40.2</b>	8.1	<b>34.1</b>	<input type="text"/>	<b>44</b>	24.5
						even		
	27.1		<input type="text"/>		<input type="text"/>		<input type="text"/>	
			either 4.9 or 3.4		either 3.4 or 8.1		either 8.1 or 1.7	
3.4	<b>39.7</b>	<input type="text"/>	<b>38.6</b>	<input type="text"/>	<b>39.3</b>	6.5	<input type="text"/>	24.5
			greater than 3.4	less than 27.1				
	<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>	
	even		less than 4.9		either 4.9 or 3.4		less than 27.1	
<input type="text"/>	<b>42.8</b>	<input type="text"/>	<b>31.8</b>	<input type="text"/>	<b>32.5</b>	<input type="text"/>	<b>39.7</b>	<input type="text"/>
			either 4.9 or 2.7	odd	either 8.1 or 3.4		either 4.9 or 27.1	
	<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>	
	odd		even				greater than 2.7	
<input type="text"/>	<b>42.8</b>	<input type="text"/>	<b>41.8</b>	<input type="text"/>	<b>37.1</b>	<input type="text"/>	<b>44.4</b>	<input type="text"/>
			less than 24.5		greater than 1.7			
	<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>	
	greater than 2.7				odd		less than 17.7	
<input type="text"/>	<b>38.1</b>	<input type="text"/>	<b>42.5</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
			odd	greater than 6.5			either 4.9 or 6.5	
	<input type="text"/>		<input type="text"/>		<input type="text"/>		<input type="text"/>	
	even		either 2.7 or 6.5					

Name: \_\_\_\_\_

Can you draw lines to cover every number or shape in the picture?

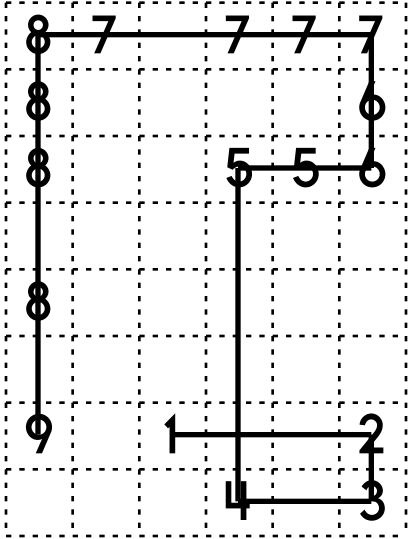
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot!

The first one is already done for you. Good luck.

Draw exactly 8 lines.

Start on 1.

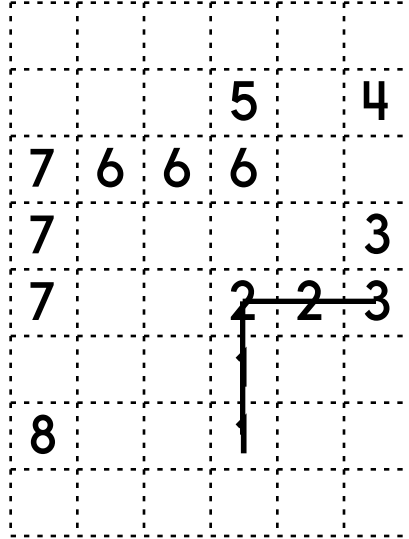
Do not pick up your pencil.



Draw exactly 7 lines.

Start on 1.

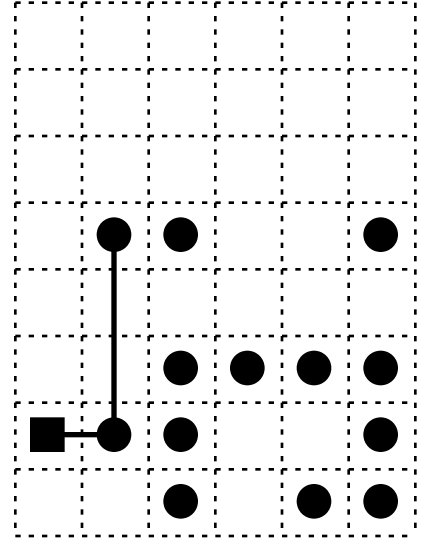
Do not pick up your pencil.



Draw exactly 8 lines.

Start on the square.

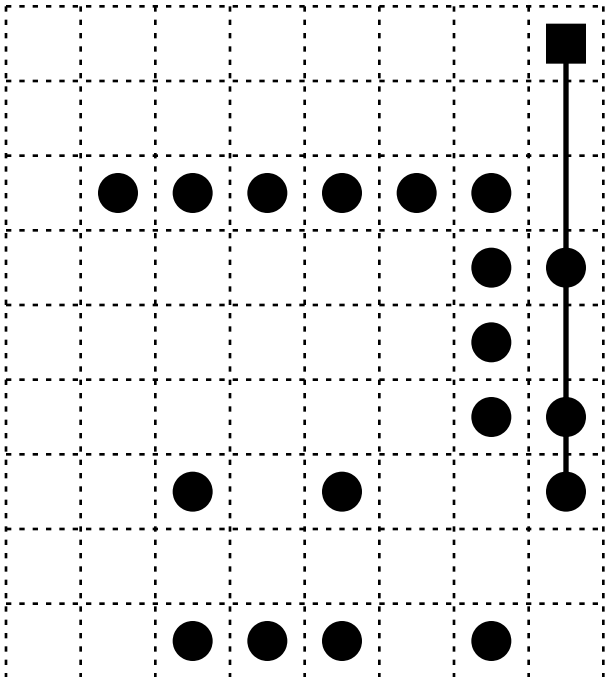
Do not pick up your pencil.



Draw exactly 6 lines.

Start on the square.

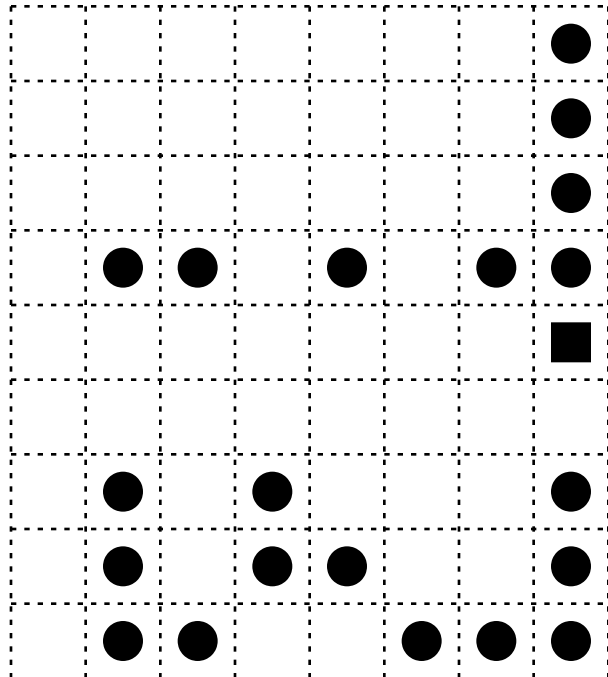
Do not pick up your pencil.



Draw exactly 9 lines.

Start on the square.

Do not pick up your pencil.



Name: \_\_\_\_\_

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

	sum of 5 ↓	sum of 6 →			sum of 8 ↓		
		sum of 4 ↓	sum of 9 →				
sum of 4 →			sum of 5 →				
sum of 3 ↓			sum of 5 →		sum of 8 ↓		
1			sum of 7 ↓	sum of 8 ↓			sum of 9 ↓
1	sum of 3 ↓				sum of 10 ↓		
1							
		sum of 9 →					

	sum of 5 ↓	sum of 7 ↓		sum of 4 →	1	2	1
sum of 10 →					sum of 3 ↓		sum of 10 ↓
sum of 3 →			sum of 9 ↓	sum of 10 →			
sum of 8 ↓				sum of 8 ↓		sum of 8 ↓	
		sum of 5 ↓					
	sum of 8 →						
					sum of 7 →		
	sum of 6 →						

Draw ONE continuous line that touches every box ONCE.  
Count by 13s. Find the box with the number 5. Move up, down, right, or left.  
Keep counting until you reach 473. Do not move into a spot with a ghost.

		18				
		5				
70						
				252		
		421	226			
	473					



Name: \_\_\_\_\_

Can you draw lines to cover every number or shape in the picture?

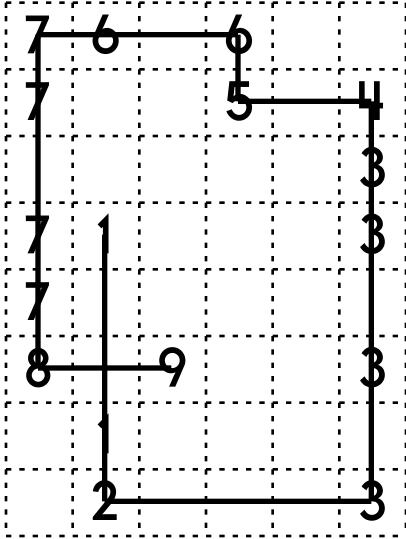
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot!

The first one is already done for you. Good luck.

Draw exactly 8 lines.

Start on 1.

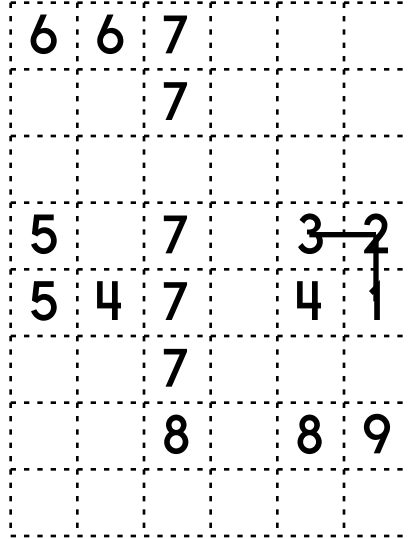
Do not pick up your pencil.



Draw exactly 8 lines.

Start on 1.

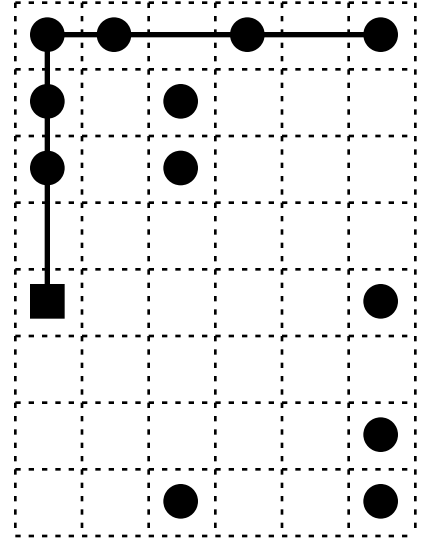
Do not pick up your pencil.



Draw exactly 6 lines.

Start on the square.

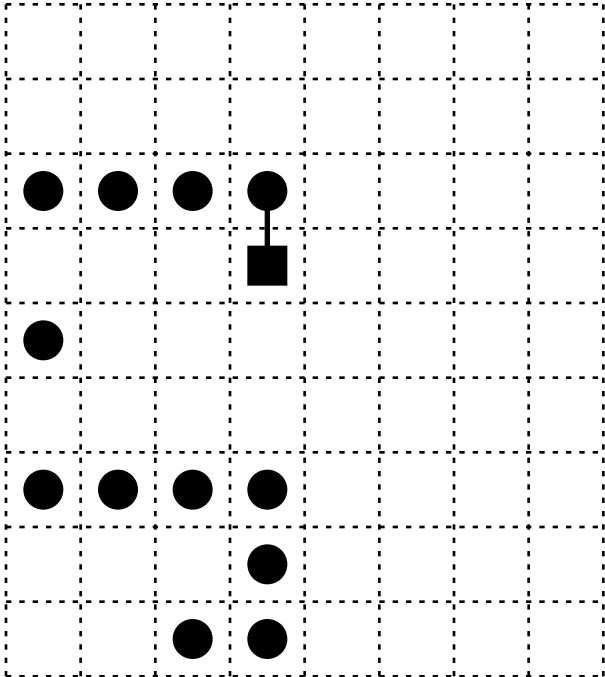
Do not pick up your pencil.



Draw exactly 6 lines.

Start on the square.

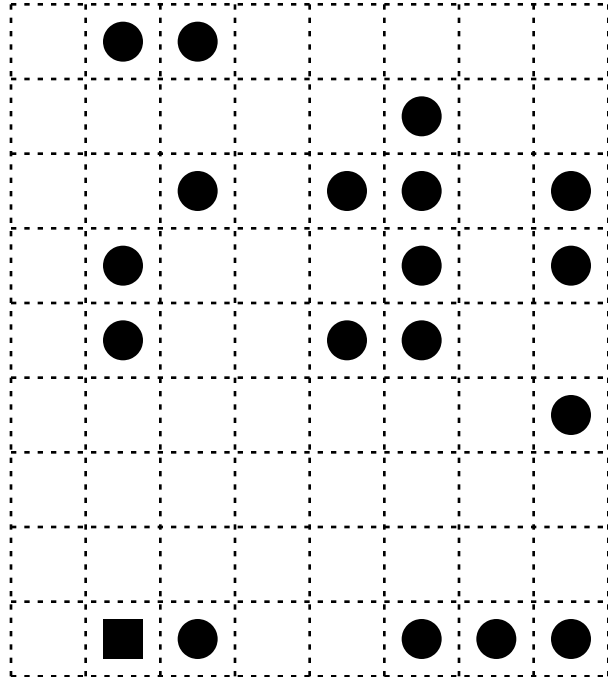
Do not pick up your pencil.



Draw exactly 8 lines.

Start on the square.

Do not pick up your pencil.



Name: \_\_\_\_\_

Write the final part of each math analogy.

five + ten : 15 :: two + nine :

Explain why you think your answer is correct.

96 tens : 960 :: 96 hundreds :

Explain why you think your answer is correct.

Fill in the missing letters. Write ie or eo.

p\_\_\_\_\_ce

prair\_\_\_\_\_

mor\_\_\_\_\_ver

g\_\_\_\_\_graphy

fr\_\_\_\_\_ndliest

\_\_\_\_\_n

p\_\_\_\_\_ple

pharmac\_\_\_\_\_s

s\_\_\_\_\_ge

g\_\_\_\_\_metry

fr\_\_\_\_\_ndly

rod\_\_\_\_\_

th\_\_\_\_\_ves

p\_\_\_\_\_r

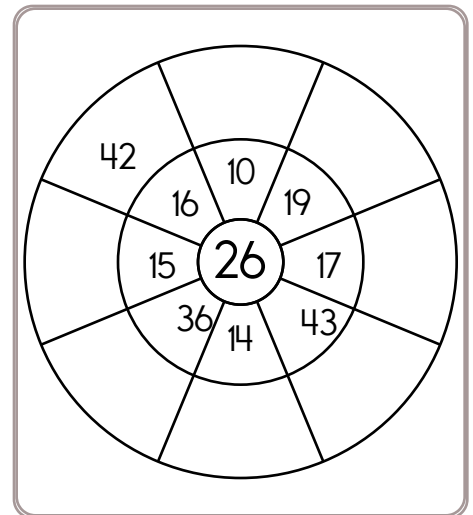
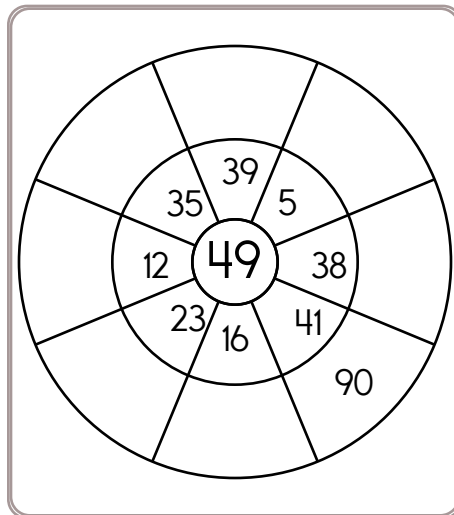
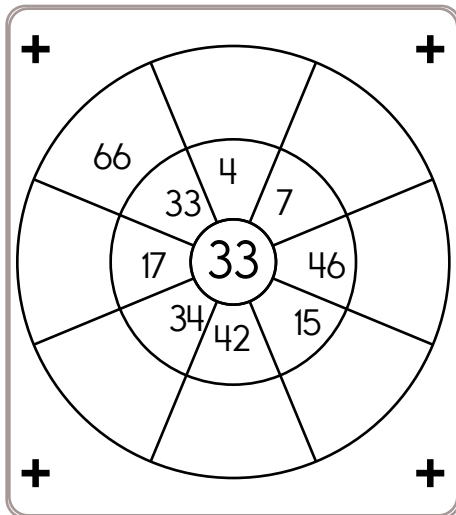
g\_\_\_\_\_logy

miscellan\_\_\_\_\_us

th\_\_\_\_\_ry

impat\_\_\_\_\_nt

Add the numbers by the number in the center.





Name: \_\_\_\_\_

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

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

Write the words found.

NEWSPAPERS

CONGRATULATE

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

sight • fior • his • compromise • concession • assistants • he  
 up • iste • brighter • bunny • argument • consession • die • site  
 uhsihsthnts • fowr • aand • kompuhmiiz • fight • ep • hae • dau  
 dye • four • for • and

The Easter \_\_\_\_\_ wanted to change the colors of his eggs  
 \_\_\_\_\_ this season. He decided that \_\_\_\_\_ wanted  
 them to be \_\_\_\_\_. He bought some neon \_\_\_\_\_,  
 and soon his eggs glowed with the unusual shades. The eggs were quite a  
 \_\_\_\_\_, \_\_\_\_\_ they even glowed in the dark.  
 However, \_\_\_\_\_ didn't like the new colors.  
 They almost had a \_\_\_\_\_ fight \_\_\_\_\_, but then they came  
 \_\_\_\_\_ with a plan. Half the eggs would be the normal pastel shades.  
 The other half would be neon colors. Everyone was happy with this  
 \_\_\_\_\_.

Name: \_\_\_\_\_

What is the rule for each pattern?

2, 2, 18, 11, 34, 20, 50, 29, 66, 38, \_\_\_\_\_, 47, 98

46, \_\_\_\_\_, \_\_\_\_\_, 53, 74, 60, 88, 67, 102, 74, 116, 81, 130, 88

34, 34, 45, 38, 56, 42, \_\_\_\_\_, \_\_\_\_\_, 78, 50, 89, 54

Complete each pattern. Write what the rule is. Hint: Look at movement of digits!

78321, 21783, 83217, 17832, 32178, 78321, \_\_\_\_\_,

\_\_\_\_\_, 17832, 32178, 78321, 21783, 83217, 17832

148641, 411486, 864114, 148641, 411486, \_\_\_\_\_, \_\_\_\_\_,

411486, 864114, 148641, 411486, 864114, 148641, \_\_\_\_\_

Name: \_\_\_\_\_

**What's in the Box?**Read the words on the left then match the letters with the correct synonyms in the clues.  
Put the clues together and solve the mystery of what is in the box.

A =haul  
 C =thick  
 D =tally  
 E =saloon  
 G =clasp  
 H =reside  
 I =pillow  
 K =adapt  
 L =cipher  
 M =bump  
 N =skimpy  
 O =chuckle  
 R =stylish  
 S =burn  
 U =detail  
 W =construct

Clue 1: dwell snicker code code snicker build

h o \_\_\_\_\_

Clue 2: clamp snicker feature dressy total singe

\_\_\_\_\_

Clue 3: singe dwell tote adjust bar scanty

\_\_\_\_\_

Clue 4: singe bar bar total singe

\_\_\_\_\_

Clue 5: shove feature singe cushion dense

\_\_\_\_\_

**What's in the Box?** \_\_\_\_\_

Write as a percent.

$$\frac{3}{4}$$

Write as a percent.

$$\frac{11}{16}$$

Change to a fraction.  
58%

42 divided by 6 equals

C, L, E, \_\_\_\_\_, G, R, I,  
U, K, XHow many centimeters in  
3.5 meters?

