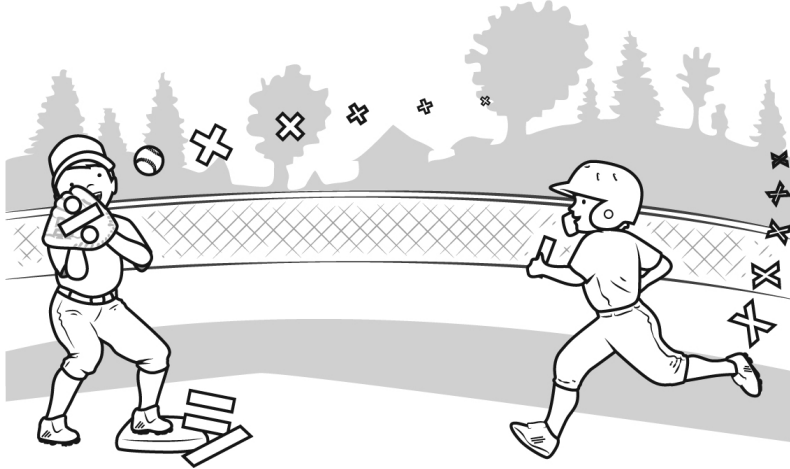


Puzzle Challenge



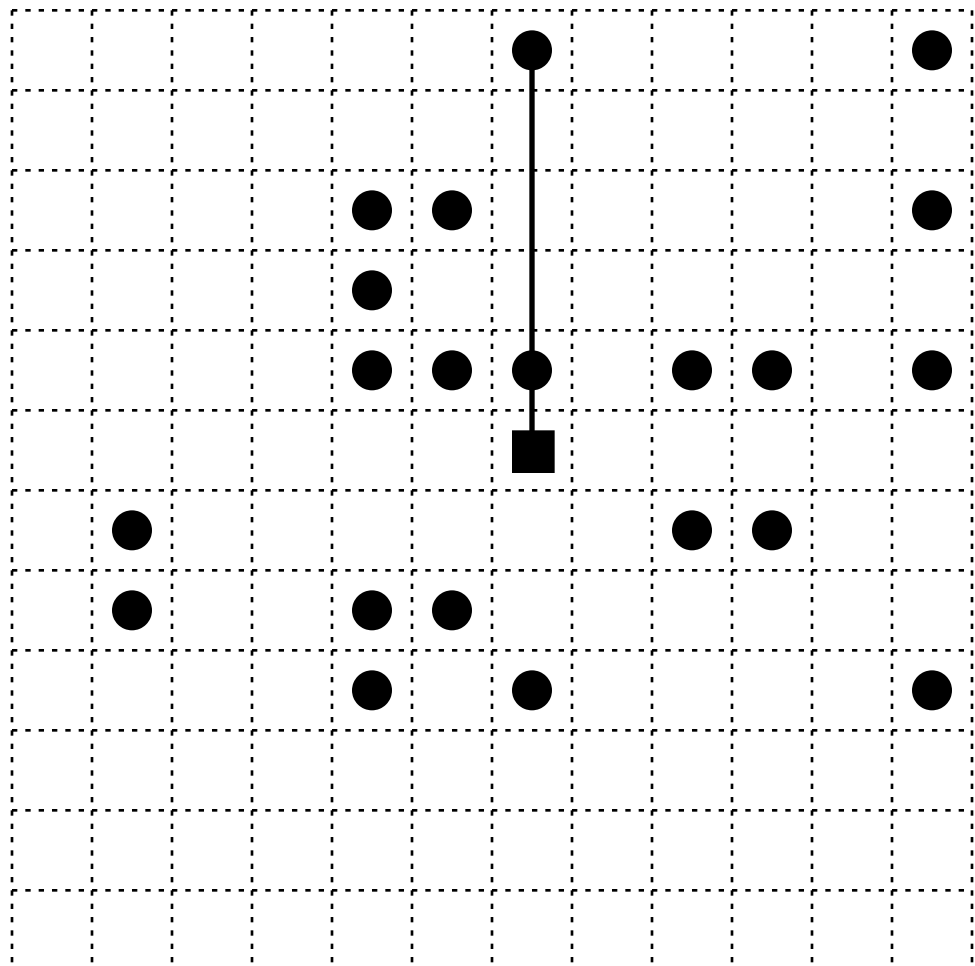
My Name: _____

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 7 | |
| <input type="checkbox"/> page 8 | |
| <input type="checkbox"/> page 9 | |
| <input type="checkbox"/> page 10 | |
| <input type="checkbox"/> page 11 | |
| <input type="checkbox"/> page 12 | |
| <input type="checkbox"/> page 13 | |
| <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 12 lines without picking up your pencil to connect all the circles.

Look in this book for examples.



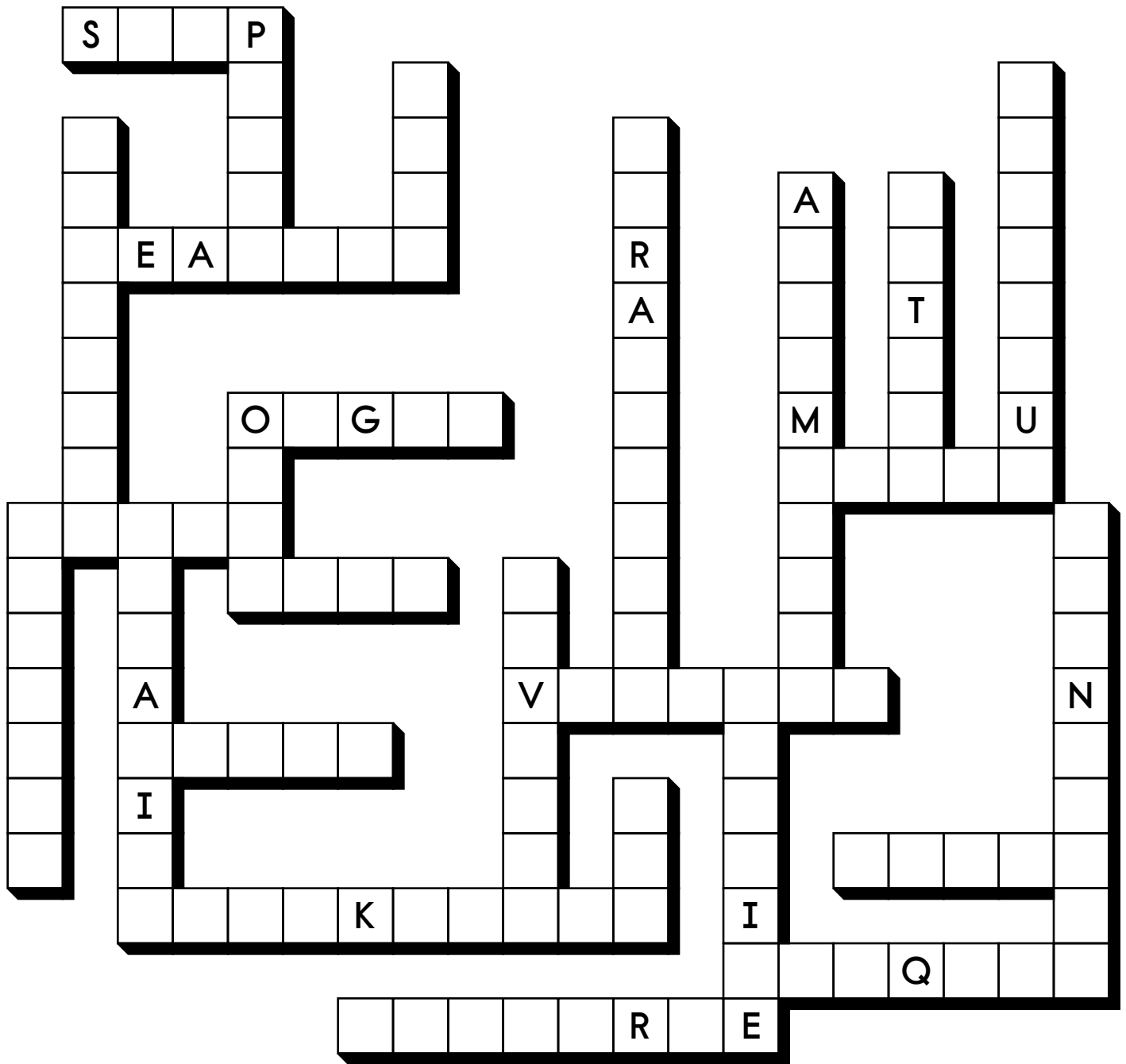
Hand in by
April 30.

Feel free to hand in early!

Name: _____

UGHT • INTERIOR • NEWS • TEARFUL • TOWEL • SIEGE • ERR
RESOURCE • POWERFUL • AMENDMENT • PAPER • PARADOXICAL
OXEN • GLOATING • INQUIRE • RACQUET • ARGUE • ENVELOP
GOALKEEPER • ASSUMPTION • SOUP • BUTTER • VALUING • ACQUIRE
PERIL • SOIL

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.

JINUTULOFDINYEKXNXGTQPSDINSOMNIARPGUQQJJDENOMINATIONHIMYKVBMXIESJQVVKBBCURT LVPLVWD
A X I R P U
T O I H Y C
GSTETFG JGURUTLARQDUG KRSS FLRF B JLLT PQPPTEGDMT U P C AAOBQHTQXOYEO Y
A J B W N B O G Q G U V J I W L M
X I P F S E H E N U S L M I O P L
L S YCUN S M TLKBXHW T U A L ADFB H V D CMUMLAV P H KQXVMHS O E
T U P O X C U J J V F B Y F A X Y E M
M W P L G L S K M B S X T L L R K R D
R X S AOAQ S D GUAW Q X HGRM C CSJY G O VMLMPUF M AHLQ Y UFOGFCG
R M F G E D S U A G D A B D N G R H I
O E H J L L C T O K Y X G L O Q F X V
P G H X B D CMUGOBT E C L FFENARHJJVEFQ P F G E X BQDRAOLFJBADS E
C T T M C A Y J U H C N D X L
D E U S N J C Y J Y X Q N I U
C SKDKVUD PVTBFBTLECQXECLH B RBNQHUI H I WNST U NJPERYS YDXYAPVFWB L G
S D B L G M F A L H Y V M E K
I E A G X Y L H F T H T G B R
J S J CCNHNBV I Y W ECTYFPX Q JVRU G V NKVYFAQ LXNMJOV RCDSCMPGAB M
E E S I R D N L B V G O M I R
N X U P G R S O I U J O Q H M
M SOWQ P YJXYYYG YSOWHHR R XVJYYEC PUMXOQSFOI R IPFTXOFRTSUDH J VTYJ G
B W E A E T N Y G Y O H P F
R O R C V U Q D B B E F K W
VKBI M V X RMEJULUJIYEKHPOTJK A G OXMM VDQAXJI J D LIYQ LYNUHUR UVKR
I S I M T A E L G P G T C Q
J O S D C F G W P V P T N O
G MKYY O JNLKGQLPJQCJU B H MORSQJH FUYPVKU H WPIW GWOFF TIBJLHADHTYJD G
G F R G T T O X H A Q C H
Q E S J S Y L R E I B P N
K B UIMNEPLALIWKDNHH W DJKNUTJJPJC MTKYMUG L V TROA R QEWLBPFAFKTJEXPS V
F I UIMNEPLALIWKDNHH K X M C U X T Y P V S
D A FSEQUESTERKVN L H YNKA Q O JVRQQOR T F XREH H K D EXNL O OCGTATI B
J G F L Q D H Q B S F J D O R R A D
Y B I F F L J A B J R W A X X J N K
B KKP N T H Y LHYT Y AJAAVBD W O A NGNHXWQ K RGNWDJS DJMA A ALUC
K K I A B D R J D V C H T A D N X
O V S N A J C U G T N C C J Q D V
BLVR J H TFYVEYYCJR PUFFNJ P Q UVWL O U G O ARYCWUA UWOWPKM ONYCAAB U
A N U E G T X T Y S N S M K A
Q W T D B H W I M E K N A L N
U T N J K YWCBBCBAUV F V RCKPJLLXJK S XJVVWBH DYCVKVU J PPVE M Q G
V R Y S O R M B U R H I B R S R G
O K T K D R X B O X T R W K C D L
B U Y ADPMXVIBLDOXN IMKC E QDIE I IUCSRQVVYSFFG O Q MSNC U HJDJQBJ D
C Q F A A P V U Q Y C X W B I D J
A O P C H X P V T X E A Q O V Y Q
U USOEEXE J O D BKXOEAA D X J LPURKKMIIGYMN O U VTTP Y C C T RFFJ
W V X N F U F A C O
E S A L H D P M C
NLVTBAALFCQTCFWTOEQLRIQFY PCQDXWYTMNKMJFYXAPRWCFCEFTAQXCXNQJLSNKMFXNSPWXTTVVGF

Find and circle these words:






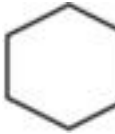







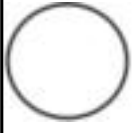
INSOMNIA	TAN	DENOMINATION
SEQUESTER	SUPERVISOR	FINISHED

Name: _____

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

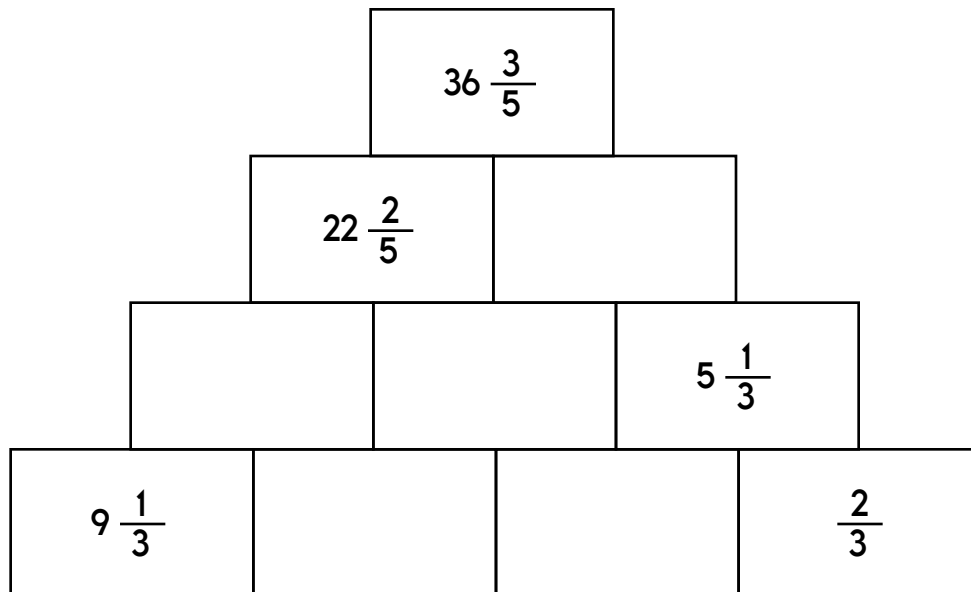
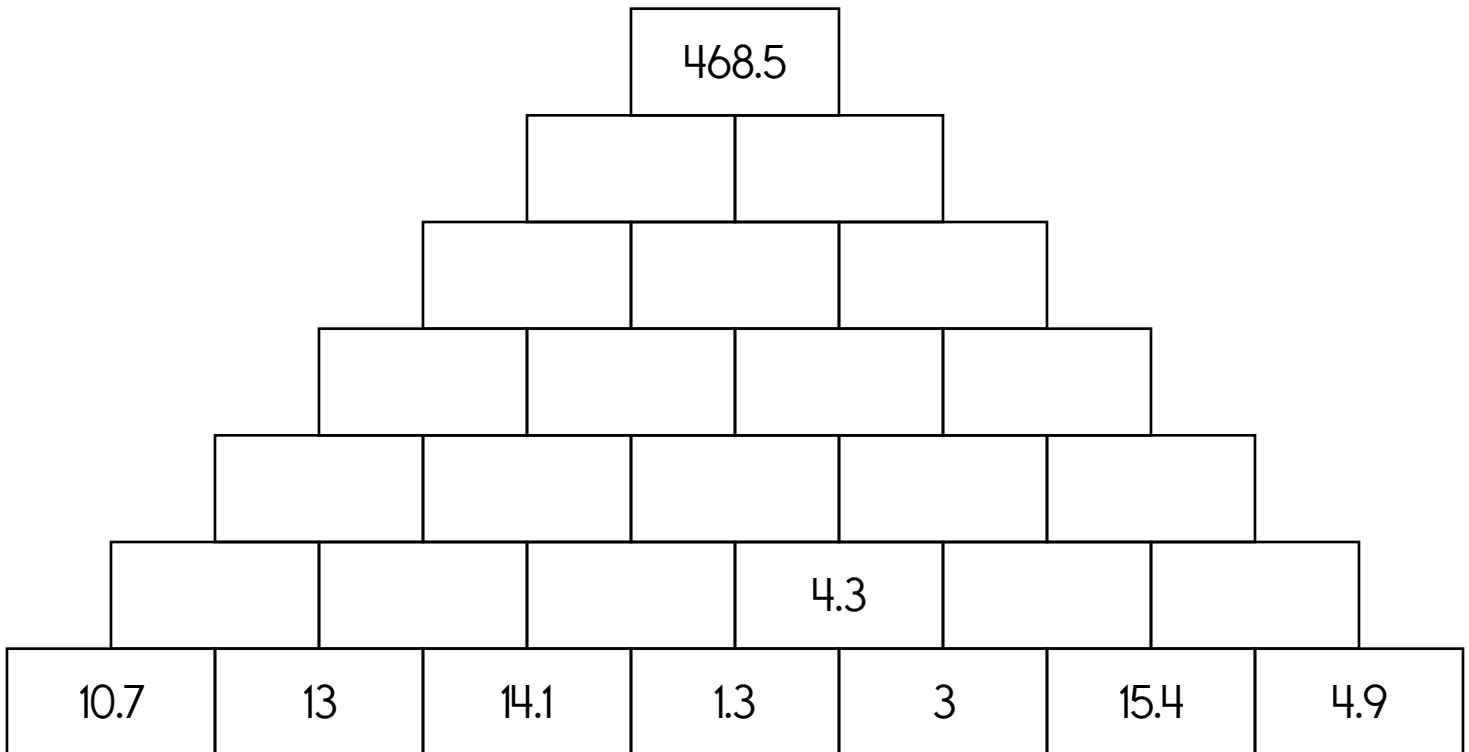
5	1	3		2	
4	2	6			5
	4			5	1
				6	
			1		3

Each row, column, and box must have 6 different pictures. The first box is done.

Name: _____

The block above is the sum of the two blocks below. Fill in the missing blocks.



$\begin{array}{r} 287 \\ + 360 \\ \hline \end{array}$	$9 \times 12 = \underline{\hspace{2cm}}$	<p>Circle the digit in the tenths place.</p> <p>29.194</p>
---	--	--

word root **bell** can mean **war** **rebel, antebellum**

Name: _____

Ashley, Timothy, Christopher, and Amber each went on vacation with their father (Michael, Matthew, Ethan, and Austin). They each traveled to a different country (Venezuela, Sudan, Italy, and Peru).

Figure out each person's father and the country they visited.

1. Timothy's trip was to a different continent than either Matthew's or Michael's trip.
2. Christopher did not go to Sudan.
3. Matthew went to either Peru or Venezuela.
4. Austin went to either Peru or Sudan.
5. Before the vacation, Amber and Ashley saw Christopher's dad, Michael, at the mall.
6. Matthew went to either South America or Europe.
7. Matthew and Ethan went on vacation to the same continent.
8. Ashley did not go to Peru.
9. Before the vacation, Amber and Christopher saw Ashley's dad, Ethan, at the mall.

Ashley's father's name is _____. They went on vacation to _____.

Timothy's father's name is _____. They went on vacation to _____.

Christopher's father's name is _____. They went on vacation to _____.

Amber's father's name is _____. They went on vacation to _____.

Fill in the missing letters. Write ns or ps.

tra _____ portation

rei _____ tate

i _____ trument

bio _____ y

trice _____

kna _____ ack

i _____ ist

co _____ tant

lice _____ e

u _____ elfish

i _____ cription

co _____ cience

e _____ lave

brai _____ torm

se _____ e

i _____ ure

no _____ ense

inoffe _____ ive

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

		1	2	4	8	14	
D	A	I	R	Y			

7

	1	2	4	6	10	16	22
A							

--

	1	2	4	6
B	I			

--

1	2		4	6	8	14	20
		E					

--

Make a Word

Sum

	1	2	4	8	14	20
A	W					

--

	1	2	4
R	I		

--

	1	2	4	8	12	18
E						

--

	1	2	4	6	10	16
G	A					

--

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.

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

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

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

What is the remainder of 58 divided by 9?

$$\frac{5}{6} \times \frac{2}{8}$$

$$11 + 9 \cdot 9 + 5$$

Name: _____

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



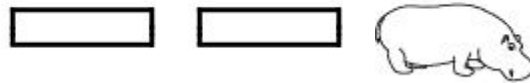
Draw 1 of these 3 pictures.
The picture IS in the correct spot.



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

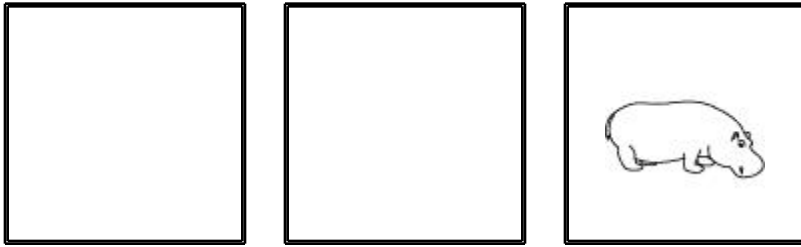


Draw 1 of these 3 pictures.
The picture IS in the correct spot.



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

Draw the 3 pictures in the correct order:



Sketch 2 lines \overleftrightarrow{KL} and \overleftrightarrow{TU} that are intersecting.

Sketch 2 lines \overleftrightarrow{IJ} and \overleftrightarrow{ST} that are perpendicular.

Rewrite in scientific notation.

37,090,000,000

$(9 + 5) + 10 + 10 \times 12$

What is the greatest common factor of the numbers 56 and 70?

$16 \div 2 =$ _____

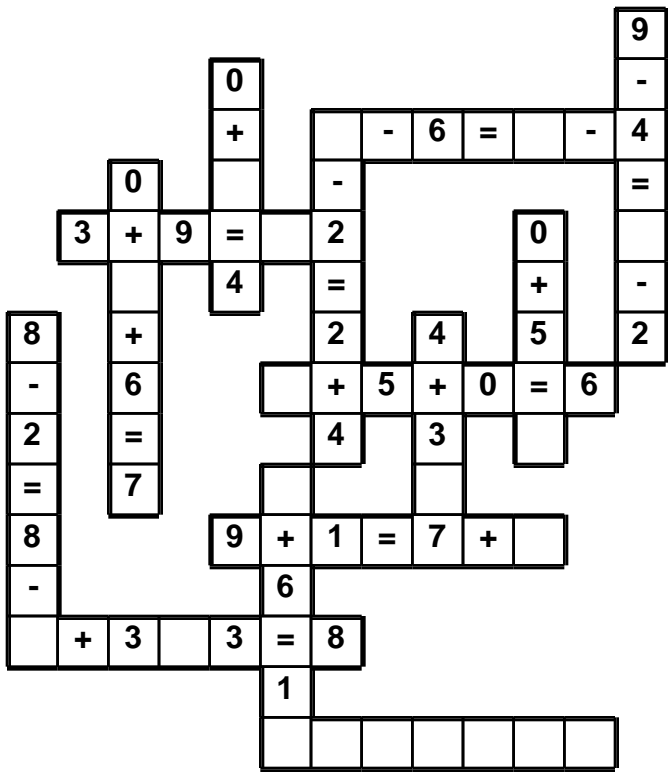
10 lb = _____ oz

$60 \div 12 =$ _____

Name: _____

8 • 6 • 4 • 1 • 7 • 1 • 1 • 5 • 9 • = • 3 • 2 • + • 5 • - • 1 • =
 6 • - • 2

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



Emma rolls two dice. What is the chance of her rolling a 1 on one die and a 1 on the other die?

Rose rolls a die. What is the chance of her rolling a 2?

Rosa and Wendy are playing a number game. Rosa says 1. Wendy replies that the answer is 3. Rosa says 2. Wendy replies that the answer is 6. Rosa says 4. Wendy replies that the answer is 12. Rosa says 16. Wendy replies that the answer is 48. Rosa says 5. Wendy is thinking. What number should Wendy reply with?

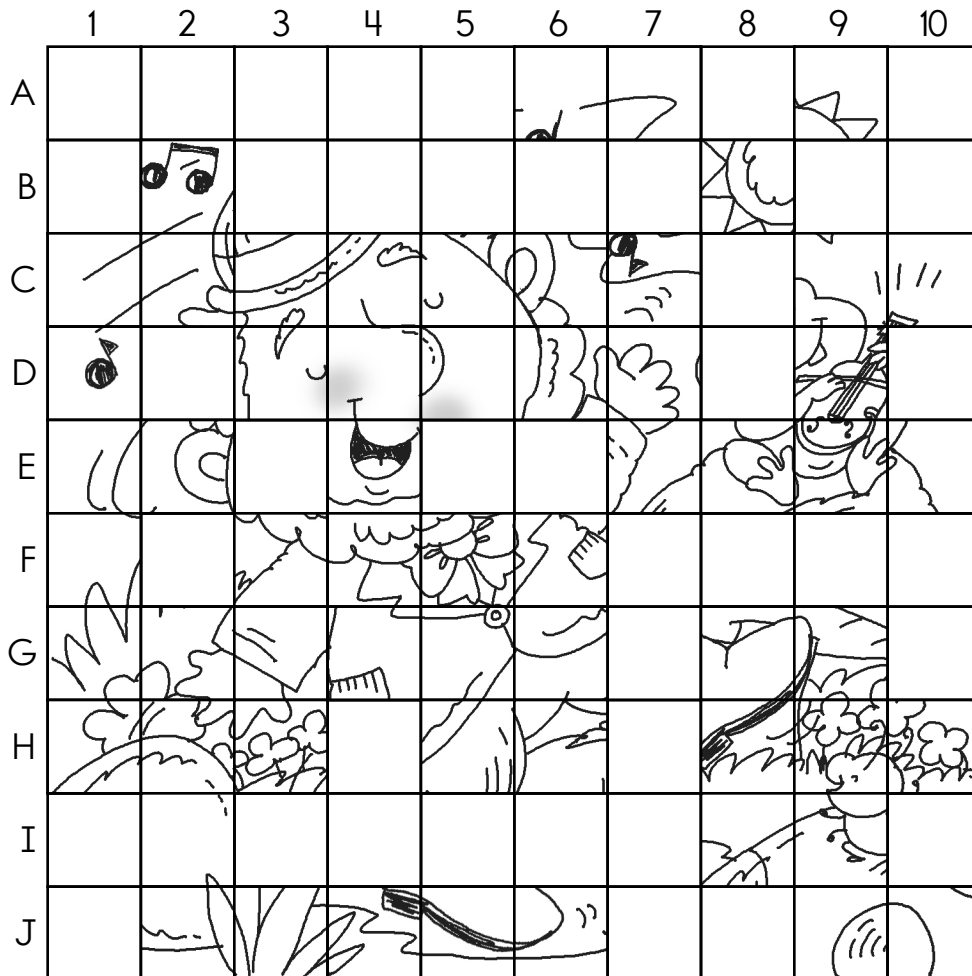
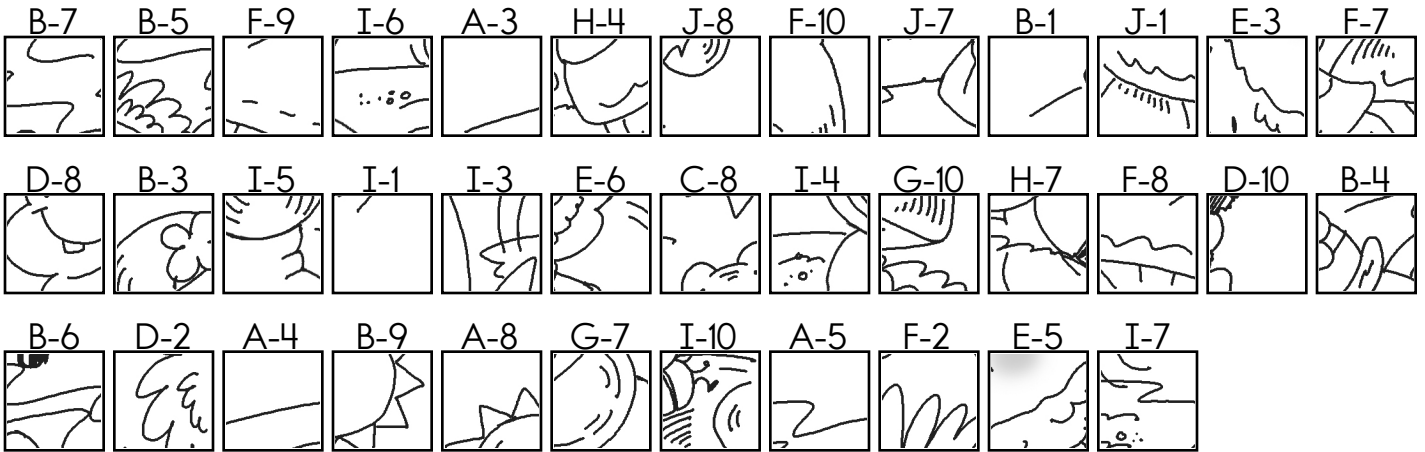
1 kg = 1,000 g

15 kg = _____ g

27,968 + 95,599 = _____

Name: _____

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



Name: _____

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

Erin has \$49.17. She has 7 bills and 14 coins. How?

--	--	--	--	--

	\$5
--	-----

		25¢							

Alex has \$68.24. He has 8 bills and 19 coins. How?

Holly has \$11.12. She has 2 bills and 16 coins. How?

Name: _____

If nine is added sixteen times to a number, the result is 192. What is the number?

4,000 and 500,000 added to a number is 933,699. What is the number?

Two-fourths of a number equals 684. What is the number?

Two-thirds of a number equals 40. What is the number?

Name: _____

Alex drew several Beatrix Potter characters, including Benjamin Bunny and Tom Kitten, for his biography of Ms. Potter. It took him more than 2 hours to write the text and $3\frac{1}{3}$ hours to draw the illustrations. If it took him $6\frac{2}{5}$ hours in all to complete the biography, how long did it take him to write the text?

Every year our members hold a Ducky Derby on the river. Five red rubber ducks are put in the river along with two yellow ducks for each contributor. This year there were 1,994 yellow ducks. If all the ducks start at the same time and place, what is the probability that a red duck will finish the race first? (Write your answer as a fraction in simplest terms.)

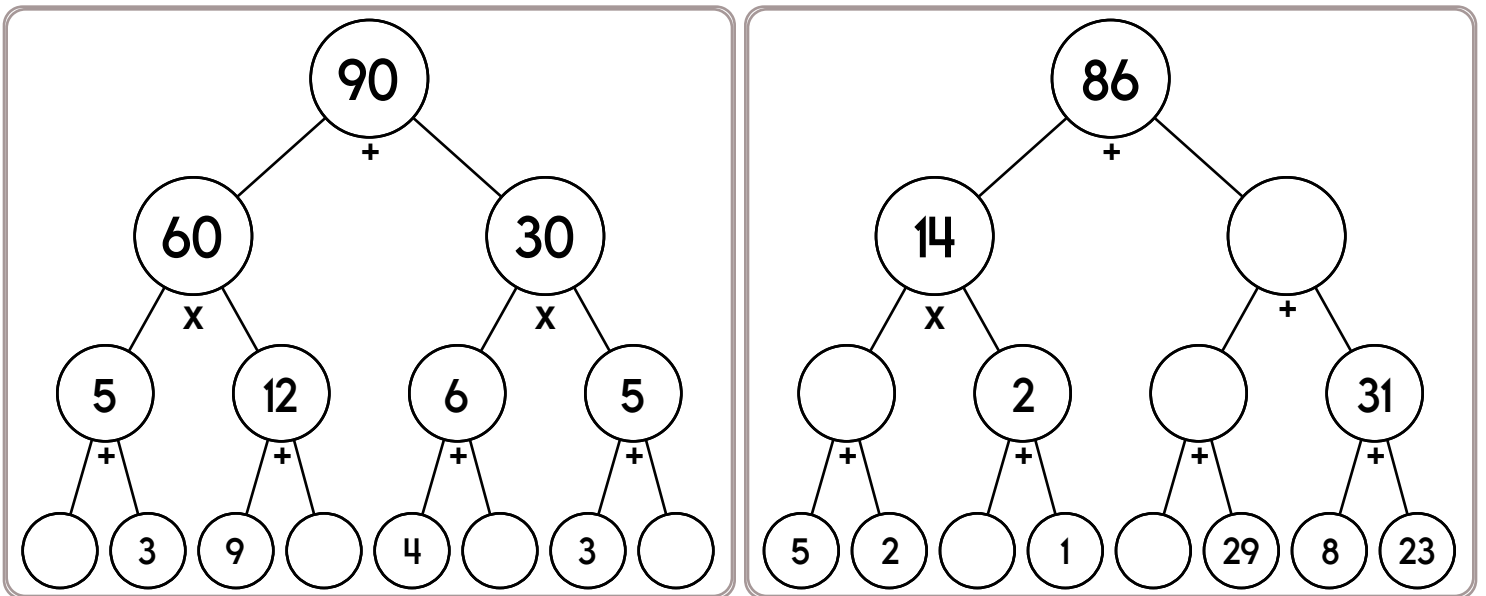
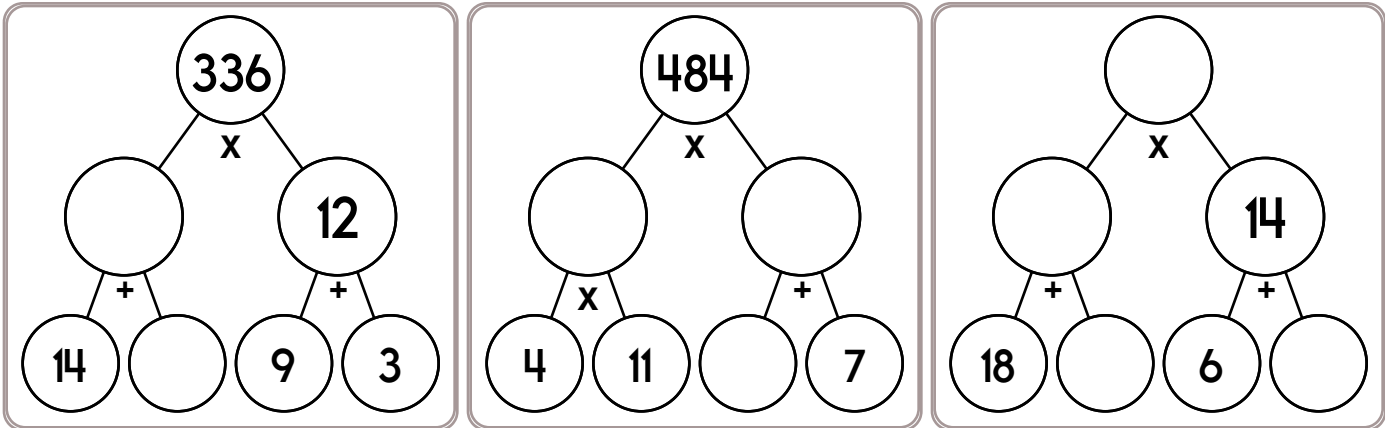
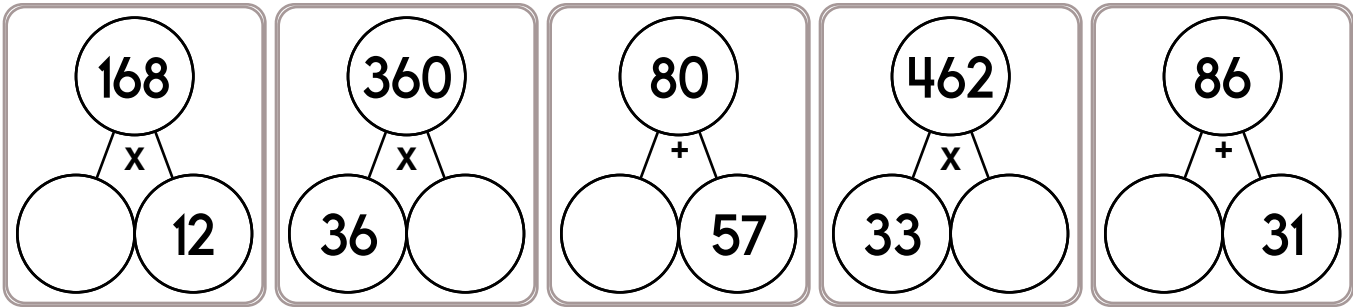
Ava got a summer job working on an app where people post pictures of their pets. This week they had 10,000 pictures posted. Of those pictures, 51% were dogs. How many pictures of dogs did they get this week?

What 5 coins add up to 22 cents?

How many minutes is it from 7:00 a.m. to 11:35 a.m.?

The diameter of a circle is 1,466 cm. What is the radius of this circle?

Name: _____



Write the reciprocal.
18

Write the reciprocal.

$\frac{4}{3}$

Write the reciprocal.

$\frac{1}{3}$

word root **frat** can mean **brother**

fraternity, fraternal

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 6.

Every row must contain the numbers 1, 2, 3, 4, 5, and 6.

Every column must contain the numbers 1, 2, 3, 4, 5, and 6.

In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

3+		14+		21+	
14+	12+				6+
	4			10+	
		5			
		3+			7+
17+			17+		
				1	2

Fill in the blanks. These equations are from the puzzle above.

$$\underline{\quad} + 1 = 6$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + 5 = 14$$

$$4 + \underline{\quad} + \underline{\quad} = 12$$

$$\underline{\quad} + 3 = 7$$

$$\underline{\quad} + 1 = 3$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + 3 + \underline{\quad} = 17$$

$$5 + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = 21$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + 1 = 10$$

$$6 + \underline{\quad} + \underline{\quad} = 17$$

$$1 + \underline{\quad} = 3$$

Name: _____

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

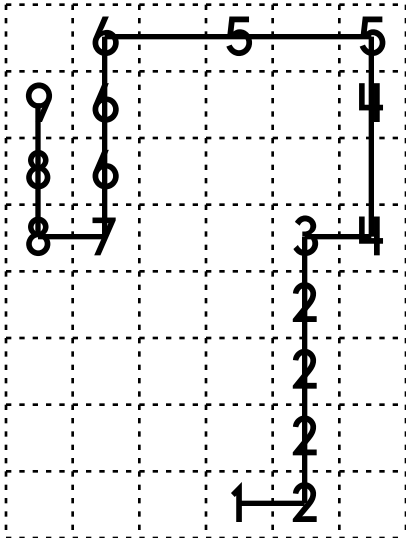
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot!

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

Draw exactly 8 lines.

Start on 1.

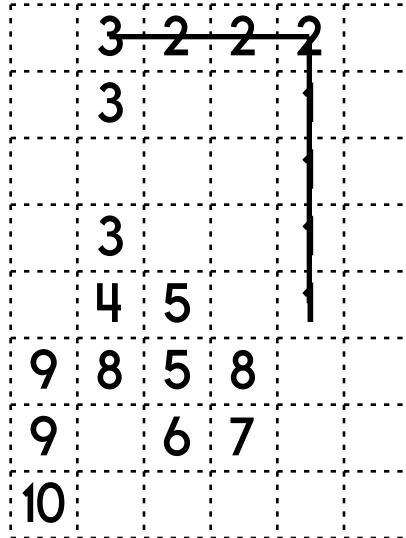
Do not pick up your pencil.



Draw exactly 9 lines.

Start on 1.

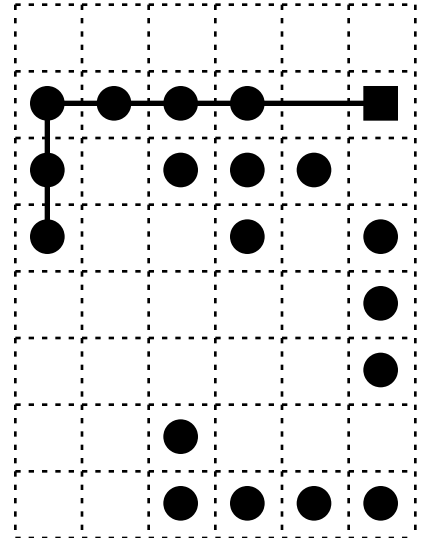
Do not pick up your pencil.



Draw exactly 7 lines.

Start on the square.

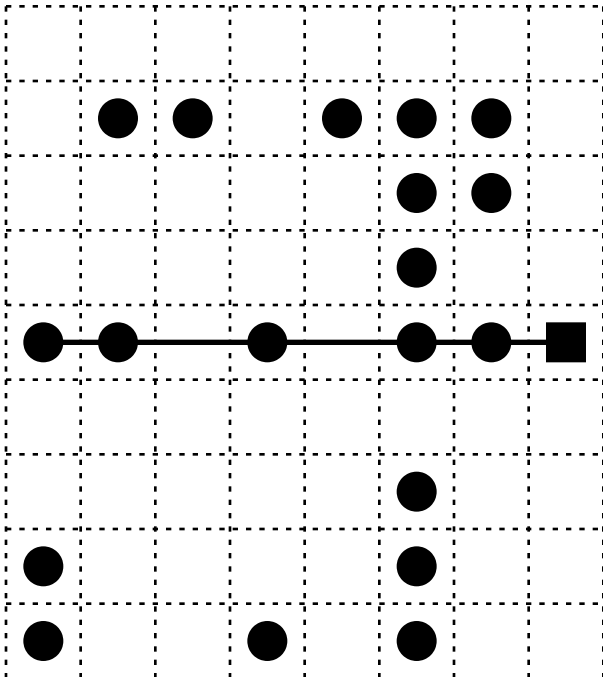
Do not pick up your pencil.



Draw exactly 7 lines.

Start on the square.

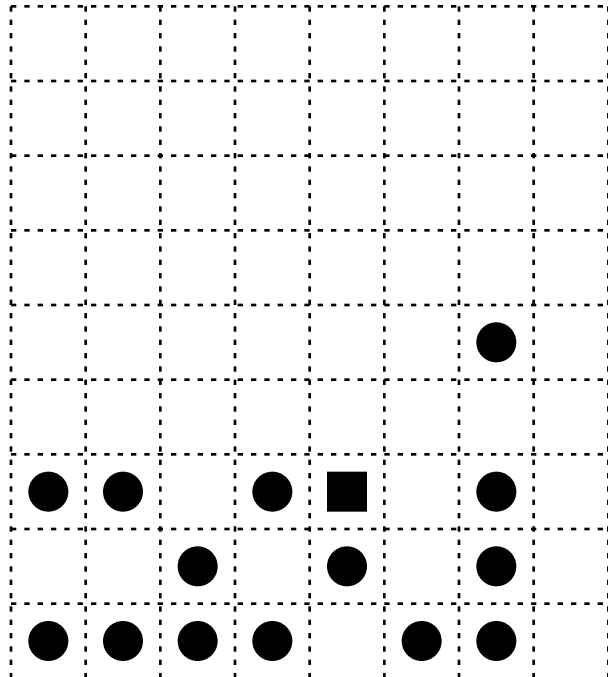
Do not pick up your pencil.



Draw exactly 9 lines.

Start on the square.

Do not pick up your pencil.



Name: _____

Sudoku Sums of 8

Each row, column, and box must have the numbers 1 through 6. All six numbers must be used, and none can be repeated. The first box is done.

Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed line is 8 of a sudoku sum of 8:

1	7
---	---

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

$$\begin{array}{r} 84 \\ - 60 \\ \hline \end{array}$$

Which is smaller, $\frac{1}{4}$ or $\frac{2}{4}$?

Write the fraction for 0.63.

Round to the nearest ten.

7,429 is rounded to _____

31,125 is rounded to _____

17,945 is rounded to _____

Do you use A.M. or P.M. to write the time you eat breakfast?

What number is ten thousand more than 8,521?

$$\begin{array}{r} 49 \\ - 26 \\ \hline \end{array}$$

Name: _____

sew • ~~underneath~~ • sum • underneath • insepction • so • seh
spicufic • shoved • inn • everything • everthing • particular
coners • as • ihn • seew • expected • specific • corners • in
inspection

Nancy was pretty sure that her room would pass her dad's _____
_____ long as he didn't look in the _____ of her
closet. When her dad told her to clean her room, he wasn't particularly
_____ about what he _____. Nancy made her
bed and shoved a lot of toys _____ underneath _____ it. Then she picked
_____ else up off the floor and _____ it
_____ the corners of her closet. Finally, she vacuumed the floor
_____ everything looked clean. That should count, right?

vetoos • language • symmetries • habits • decision • burials

Each row, column, and box must have all the words from the word list. Write in the missing words.

6	4	5		symmetries	language
2	vetoos	symmetries			
		habits			
symmetries					decision
		burials			
		vetoos	decision	burials	

How many yards are in 9 feet?

_____ yards

66 ÷ 11 = _____

Name: _____

Can you win at bingo? Color in a circle red if it is on the bingo board. Then color in the square on the bingo board red. Cross off a circle if you do not see it on the bingo board. Keep going until you win! Win by getting four across, down, or diagonal.

$$5 \times 24$$

4 x 24

5 x 15

6 x 18

3 x 24

4×22

9 x 20

8×13

1 x 25

8 x 16

5×25

6×15

4×25



8 x 26

3 x 11

BINGO BOARD

33	140	51	128
84	144	120	42
104	96	17	168
75	57	203	22

Draw ONE continuous line that touches every box ONCE.
Count by 2.2s. Find the box with the number 4. Move up, down, right, or left.
Keep counting until you reach 30.4. Do not move into a spot with a ghost.

		30.4	28.2	
⋮				⋮
⋮				⋮
⋮	-6.2	-4		

$$\begin{array}{r} 26 \\ + 23 \\ \hline \end{array}$$

For 992,625,628, write the digit that is in the hundred thousands place.

Four toys cost \$8. At that rate, what is the cost of 20 toys?

Name: _____

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

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

Write the words found.

AUCTIONS	BUSH	

Write the final part of each math analogy.

$$2 \times 11 : 22 :: 4 \times 12 :$$

Explain why you think your answer is correct.

$$5 \times b : 50 :: 9 \times b :$$

Explain why you think your answer is correct.

$$\begin{array}{r} 76 \\ - 39 \\ \hline \end{array}$$

$$9 \times 9 = \underline{\quad}$$

$$3 \times 12 = \underline{\quad}$$

$$\begin{array}{r} 501 \\ - 205 \\ \hline \end{array}$$

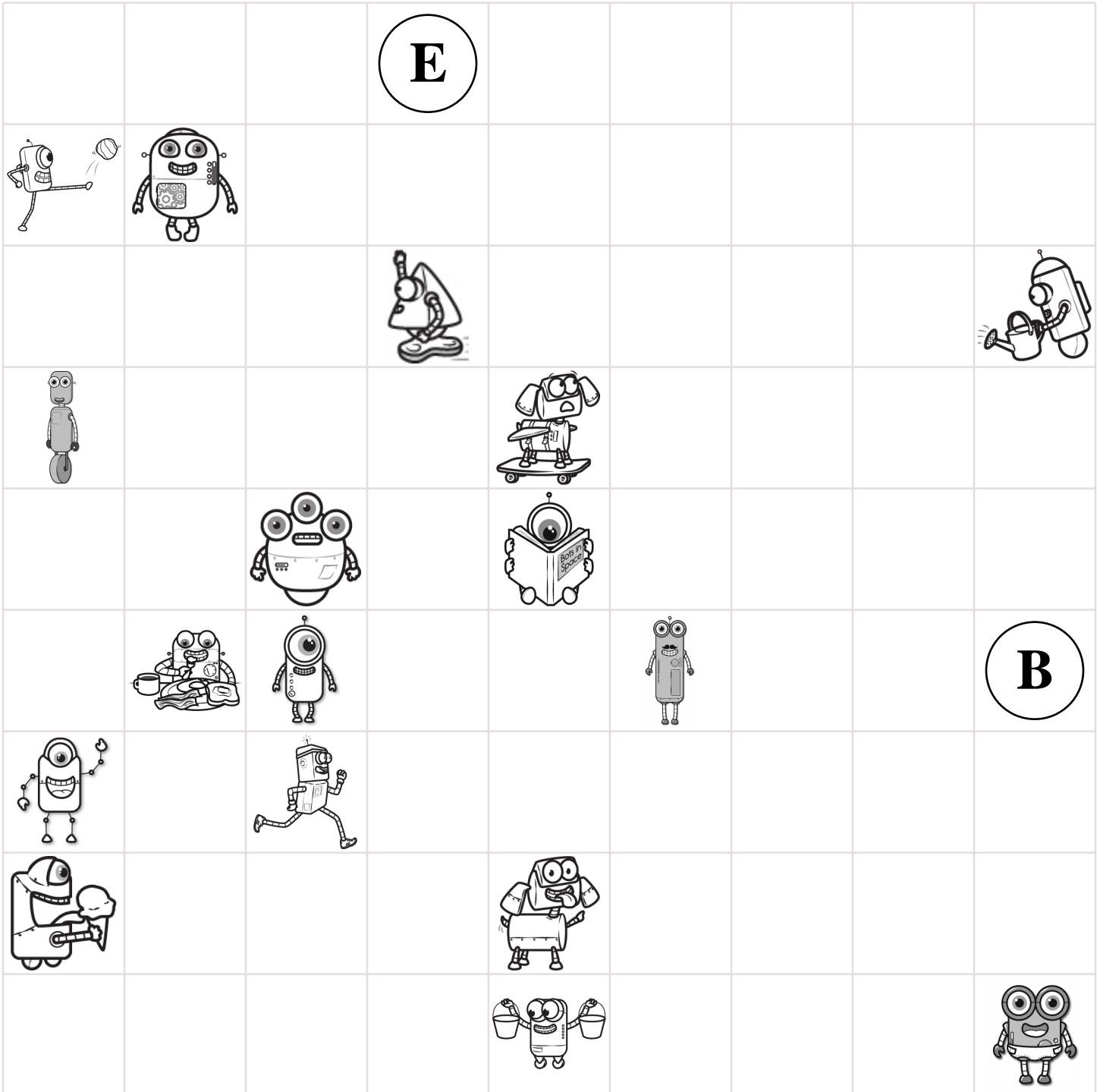
☐

I did page 20

☐I decided to skip this page
edHelper

Name: _____

Pick up all of the robots from the game board. 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 robot or the E circle. No stopping on an empty box.** Try to collect all the robots and end your last line on the **E** circle. You can go through a robot more than once.



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

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 = expel
D = famine
E = amuse
G = harvest
H = disk
I = aching
L = myth
M = hasty
N = thud
O = shore
P = squash
R = plain
S = hut
T = botch
U = harsh

Clue 1: shack crush wheel entertain simple entertain

 s p _____

Clue 2: speedy beach hunger entertain fable

Clue 3: entertain eject simple bungle wheel

Clue 4: fable eject bungle hurt bungle severe hunger entertain

Clue 5: fable beach clunk crop hurt bungle severe hunger

entertain

What's in the Box? _____

Fill in the missing letters. Write th or ht.

twilig_____

tru_____

foug_____

delig_____

clo_____es

bro_____er

midnig_____

_____umbprint

loa_____e

hear_____

thoug_____ful

insig_____

straig_____

_____umb

_____eorem

droug_____

naug_____y

_____rone

Write 1,064 in words.

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 =infection

B =vigor

C =profit

D =labor

E =essay

F =pounce

I =honor

L =blend

M =cook

O =tragic

P =rural

R =castle

S =injure

T =snarl

U =dispute

Y =pout

Clue 1: country awful country feud blend disease palace

 p o _____

Clue 2: gain palace theme disease chef frown

Clue 3: leap palace feud respect growl frown

Clue 4: hurt country palace theme disease work

Clue 5: energy palace theme disease work

What's in the Box? _____

Fill in the missing letters. Write ie or ai.

bel_____

v_____n

chieft_____n

r_____lway

fr_____nds

w_____ld

effic_____ncy

pr_____se

p_____ce

barg_____n

n_____ce

w_____st

cherr_____s

p_____nless

fr_____d

rel_____ve

expl_____ned

det_____l

compl_____n

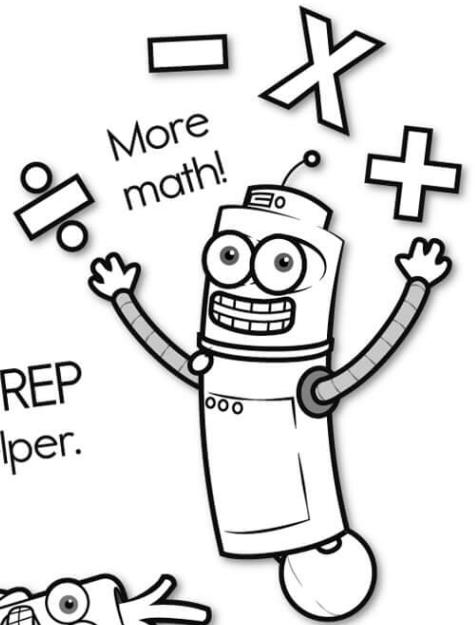
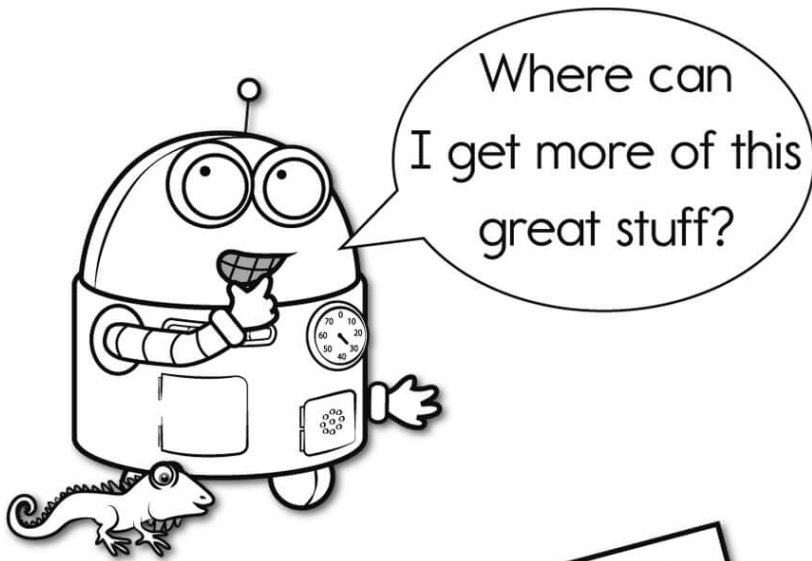
rel_____f

var_____ty

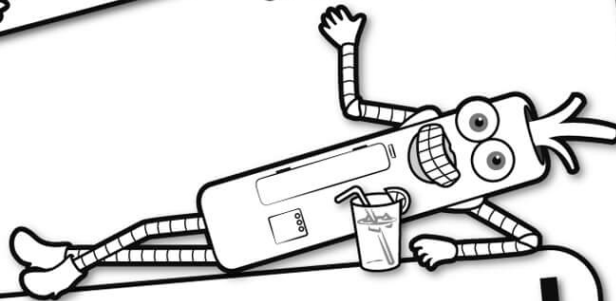
d_____ly

br_____n

happ_____r

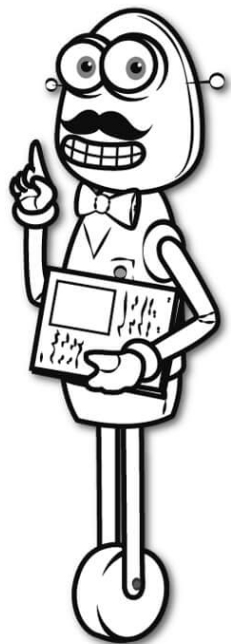


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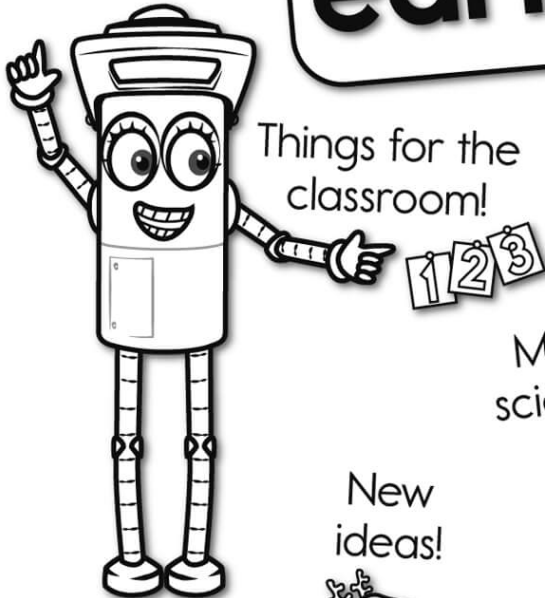


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