

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!

imagine 4 in your head

add 3

subtract 4

Write the number.

_____ **A**

imagine 5 in your head

multiply 3

subtract 6

add 7

Write the ones digit.

_____ **B**

imagine 6 in your head

add 2

multiply 6

double it

Write the odd digit
in your answer.

_____ **C**

imagine 2 in your head

add 1

multiply 7

add 3

Add the tens digit to
the ones digit.
Write the sum.

_____ **D**

What is the sum?

A + B + C + D

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

_____ **e** _____ **n** _____ **-** _____ **o** _____

9 after 11 _____

4 before 14 _____

8 after 12 _____

6 after 17 _____

5 before 15 _____

4 after 16 _____

2 after 13 _____

3 before 19 _____

1 after 15 _____

5 after 19 _____

1 before 17 _____

3 after 18 _____

7 after 14 _____

7 before 11 _____

2 after 14 _____

Name: _____

Estimate. $722 - 436 =$

- A) 900
- B) 700
- C) 200
- D) 300

What does the _____ stand for in the following equation?

$$\text{_____} \times 9 = 108$$

- A) 60
- B) 12
- C) 13
- D) 99

What number is two ten thousand less than 43,672?

- A) 43872
- B) 43472
- C) 23672
- D) 41672

If you wanted to estimate the difference of 5,799 and 1,624, what would your answer be (round by thousands)?

- A) 3000
- B) 3900
- C) 4000
- D) 7000

What is 4,498 rounded to the nearest hundred?

- A) 1078
- B) 4500
- C) 4410
- D) 4400

Which group of numbers is ordered from least to greatest?

- A) 6.123, 6.296, 6.786, 6.974
- B) 5.498, 5.845, 5.939, 5.562
- C) 3.863, 3.311, 3.755, 3.184
- D) 6.751, 6.585, 6.531, 6.348



Name: _____

Get a fidget spinner! Spin it.

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

Write the number that has exactly 8 thousands.

$$6 \times 8 + 7$$

What number is halfway between 48 and 56?

Write the least possible 2-digit number without repeating any numbers.

$$\text{double } 13 =$$

$$3 \times 11 \times 9$$

Circle the four numbers whose sum equals 58.

13 6 15 11
19 14 13 20

Gavin bought 6 dozen cupcakes for a party. How many cupcakes did he buy?

Circle the three numbers whose sum equals 27.

11 19 16 6
10 17 13 10
19 10 15 11

30, 33, 36, 39,
_____, 45, 48, 51, 54

Ava has 35 books. She organized them equally into 5 boxes. How many books in each box?

How many total legs are on 13 chickens?

Name: _____

<p>Mary is showing her class how to do the Chicken Dance today. She even bought a beak to wear while she does the dance! The beak cost \$1.75. She gave the clerk \$5. How much change did she get?</p>	<p>Emily made a chocolate pie. She had to warm the chocolate until it melted. Then she had to let it cool to eighty degrees. If the chocolate melted at one hundred four degrees, how many degrees did it have to cool before it reached eighty degrees?</p>	<p>Mr. King likes to make his own barbeque sauce. He uses 2 tablespoons of sugar to make 1.5 cups of sauce. How many tablespoons of sugar will he need to make 9 cups of sauce?</p>
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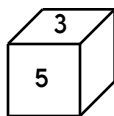
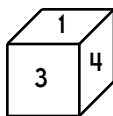
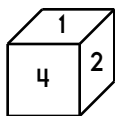
$\begin{array}{r} 94 \\ - 68 \\ \hline \end{array}$	$\begin{array}{r} 81 \\ - 68 \\ \hline \end{array}$	$\begin{array}{r} 91 \\ - 76 \\ \hline \end{array}$	$\begin{array}{r} 95 \\ - 27 \\ \hline \end{array}$	$\begin{array}{r} 65 \\ + 89 \\ \hline \end{array}$
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<p>Fill in the missing fractions.</p> $\frac{3}{7}$, _____ , $\frac{5}{7}$, _____	$\begin{array}{r} 4 \\ \times 11 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$
<p>Round 516,379 to the nearest thousand.</p> <p>_____</p>	$\begin{array}{r} 1 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 12 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 10 \\ \hline \end{array}$

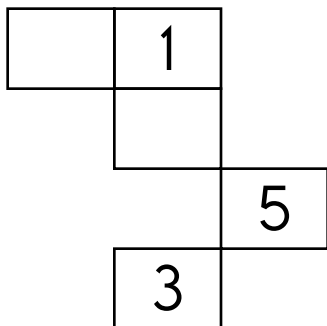
<p>One side of a square measures eleven centimeters. What is the area of this square?</p> <p>_____</p>	<p>Which is smaller, $\frac{3}{5}$ or $\frac{4}{6}$?</p> <p>_____</p>	$\begin{array}{r} 67 \\ - 14 \\ \hline \end{array}$
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Name: _____

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.



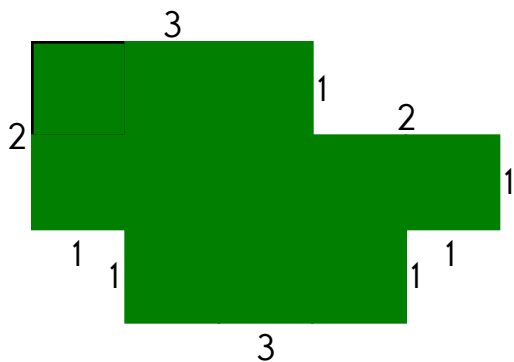
$$\begin{array}{r} 86 \\ - 80 \\ \hline \end{array}$$

If $P + P = 8$, then what does P equal?

Which is longer: one foot or six inches?

What is the value of the BIG digit?

75,996,4**7**4



What is the mode of these numbers?

18, 19, 25, 28, 23, 25, 20, 26, 22, 28, 25, 20

☒ crozy

☐ crazy

☐ krayzea

☐ cray

What is the range of these numbers?

15, 24, 24, 19, 15, 16, 19

The perimeter is _____.

List the first five multiples of 5.

Write the correct symbol.

< = >

672 ☐ 772

How many hours are in nine days?

Name: _____

Write four words to describe this unicorn.

1. _____

2. _____

3. _____

4. _____

Use one or more of these words also:

starry

white

magical

sparkly

bright

colorful

Write a sentence to describe the picture.

Use some of the above words.



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What number is ten thousand more than 7,739?

Round the number to the place value of the BIG number.

63,262,642

Fill in the blanks with these numbers:

4, 2, 7

5 0

+ 4

Fill in the blanks with these numbers:

9, 0, 3

+ 6 4

4

Calculate the product of 9 and 7.

3 $\overline{)15}$

Name: _____

$$\begin{array}{r} 1,092 \\ - 374 \\ \hline \end{array}$$

$$\begin{array}{r} 471 \\ + 596 \\ \hline \end{array}$$

$$\begin{array}{r} 918 \\ - 219 \\ \hline \end{array}$$

$$\begin{array}{r} 1,083 \\ - 244 \\ \hline \end{array}$$

$$\begin{array}{r} 128 \\ + 934 \\ \hline \end{array}$$

$$\begin{array}{r} 329 \\ + 868 \\ \hline \end{array}$$

$$\begin{array}{r} 1,256 \\ - 374 \\ \hline \end{array}$$

$$\begin{array}{r} 900 \\ + 493 \\ \hline \end{array}$$

$$\begin{array}{r} 1,252 \\ - 587 \\ \hline \end{array}$$

$$\begin{array}{r} 900 \\ + 760 \\ \hline \end{array}$$

$$\begin{array}{r} 1,405 \\ - 594 \\ \hline \end{array}$$

$$\begin{array}{r} 345 \\ + 972 \\ \hline \end{array}$$

$$\begin{array}{r} 718 \\ + 336 \\ \hline \end{array}$$

$$\begin{array}{r} 762 \\ - 637 \\ \hline \end{array}$$

$$\begin{array}{r} 531 \\ - 229 \\ \hline \end{array}$$

$$\begin{array}{r} 542 \\ + 976 \\ \hline \end{array}$$

$$\begin{array}{r} 1,492 \\ - 880 \\ \hline \end{array}$$

$$\begin{array}{r} 275 \\ + 327 \\ \hline \end{array}$$

$$\begin{array}{r} 508 \\ + 576 \\ \hline \end{array}$$

$$\begin{array}{r} 130 \\ + 143 \\ \hline \end{array}$$

$$\begin{array}{r} 581 \\ - 149 \\ \hline \end{array}$$

$$\begin{array}{r} 264 \\ + 775 \\ \hline \end{array}$$

$$\begin{array}{r} 885 \\ - 166 \\ \hline \end{array}$$

$$\begin{array}{r} 498 \\ - 374 \\ \hline \end{array}$$

$$\begin{array}{r} 946 \\ + 305 \\ \hline \end{array}$$

$$\begin{array}{r} 1,077 \\ - 715 \\ \hline \end{array}$$

$$\begin{array}{r} 746 \\ - 420 \\ \hline \end{array}$$

$$\begin{array}{r} 1,535 \\ - 747 \\ \hline \end{array}$$

$$\begin{array}{r} 175 \\ + 278 \\ \hline \end{array}$$

$$\begin{array}{r} 172 \\ + 461 \\ \hline \end{array}$$

$$\begin{array}{r} 911 \\ - 394 \\ \hline \end{array}$$

$$\begin{array}{r} 1,406 \\ - 808 \\ \hline \end{array}$$

$$\begin{array}{r} 234 \\ + 467 \\ \hline \end{array}$$

$$\begin{array}{r} 972 \\ + 290 \\ \hline \end{array}$$

$$\begin{array}{r} 881 \\ + 697 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 5 \\ \hline \square \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ - \square \\ \hline 18 \\ + 2 \\ \hline \square \end{array}$$

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

$$\begin{array}{r} + 4 \\ \hline \square \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ - \square \\ \hline 22 \\ + 2 \\ \hline \square \end{array}$$

Name: _____

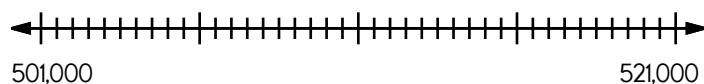
$$9 \cdot 9 \cdot 5 \cdot 2 \cdot 8 \cdot + \cdot 8 \cdot = \cdot 4 \cdot = \cdot + \cdot 9 \cdot - \cdot 4 \cdot 6 \cdot 8$$

$$3 \cdot = \cdot 1 \cdot 4$$

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

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

Locate where to put the number 506,000 and label the point K.



How many gallons are equal to 12 quarts?

- ☐ south
- ☐ suoth
- ☐ suth
- ☐ suot

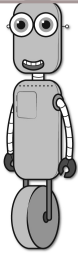
The month before me has thirty days. The month after me has thirty days. What month am I?

April
August
October
November

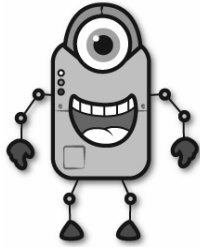
$$\begin{array}{r} 71 \\ - 55 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ - 75 \\ \hline \end{array}$$

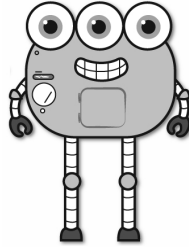
Name: _____



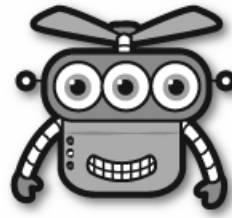
Jacob



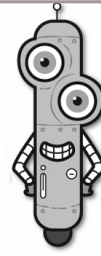
Peter



Jessica



Sarah



Mary

Facts

Jacob is seven years old.

Mary is fifteen years older than Peter.

Jessica is sixty-one years older than Jacob.

Peter is five times as old as Jacob.

Sarah is thirty-six years older than Peter.

How old is Jacob? _____

How old is Peter? _____

How old is Jessica? _____

How old is Sarah? _____

How old is Mary? _____

Count by 3s.

27 _____ 42 _____

How many days are in December?

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

What is the homophone of this word?
sea

Name: _____

$$\begin{array}{r} 35 \\ + 71 \\ \hline \end{array}$$

What number is 405 less than 565?

Subtract 61 from 495.

$$\begin{array}{r} 29 \\ + 148 \\ \hline \end{array}$$

Find the difference between 482 and 124.

$$\begin{array}{r} 54 \\ + 65 \\ \hline \end{array}$$

$$5 + 4 + 5 =$$

$$\begin{array}{r} 628,400 \\ + 40,431 \\ \hline \end{array}$$

$$\begin{array}{r} 4,087 \\ - 107 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ 7 \\ 6 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 85,092 \\ - 7,651 \\ \hline \end{array}$$

$$\begin{array}{r} 980 \\ 697 \\ + 635 \\ \hline \end{array}$$

Write as a decimal.

$$20 \frac{9}{100}$$

Write as a decimal.

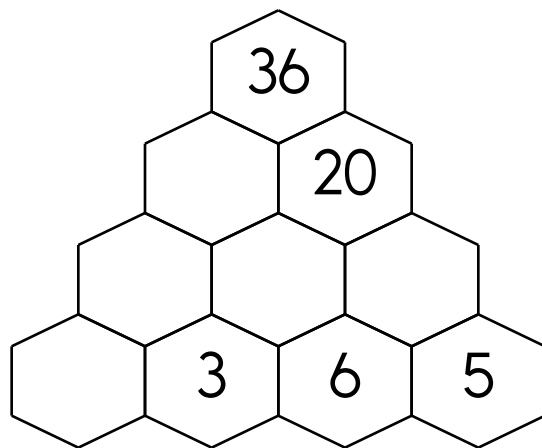
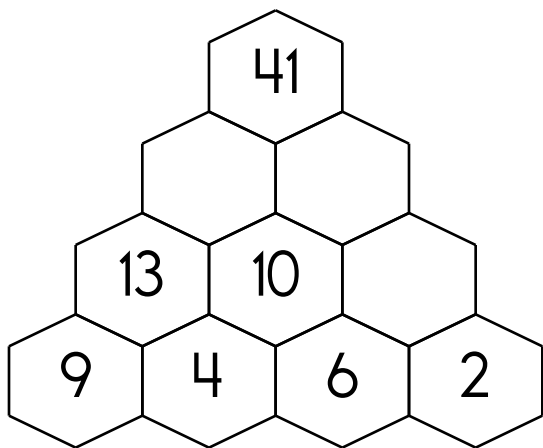
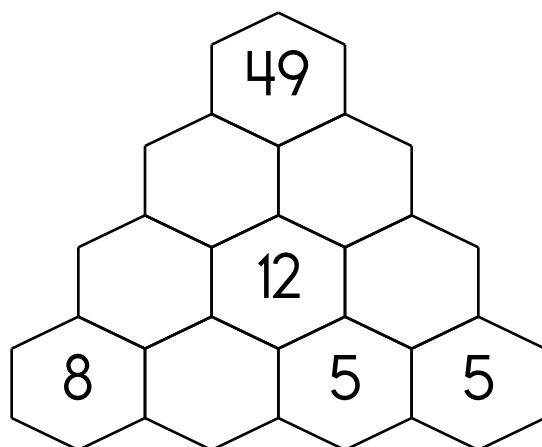
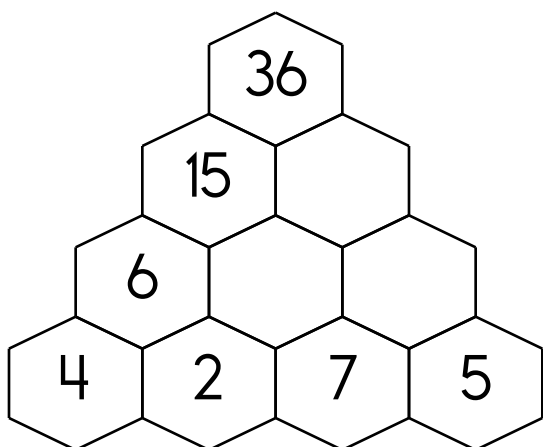
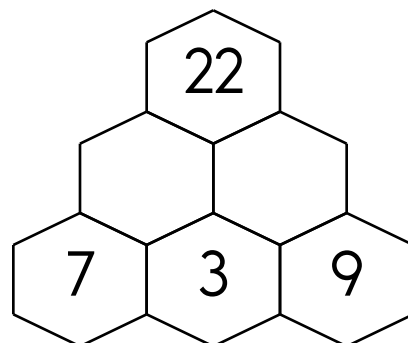
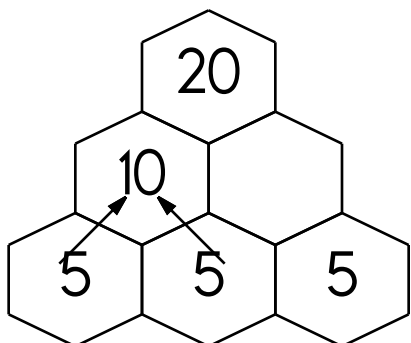
$$\frac{2}{100}$$

Write as a decimal.

$$2 \frac{45}{1000}$$

Name: _____

Fill in the blanks by adding the two numbers below each hexagon.



$$(10 - 2) \times 1$$

Is 327 closer to 300 or 400?

$$18 \div \underline{\quad} = 9$$

Name: _____

Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

A

18	86	55
-	51	34 27
68	87	94

Find a subtraction fact.

B

12	45	77
-	6	74 9
	55	20 51

Find a subtraction fact.

C

78	24	13
-	58	6 77
	95	30 38

Find a subtraction fact.

Equations:

Write the equation facts you found.

A	86	-	18	=	68
B		-	45	=	
C		-		=	24

Write the number for eight thousand, four hundred fifty.

Write 351 in expanded notation.

Color in $\frac{1}{2}$.

There are eight cars parked in a row exactly the same distance from each other. The first car is 32 inches from the second car. The first car is 64 inches from the third car. How far is the sixth car from the third car?


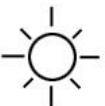


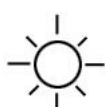
If $\square = 5$, then $\square - 4 =$ _____

Would you use a ruler or a yardstick to measure the length of a book?

8	5
-	7 4

Name: _____

Puzzle:

	1	1	9
	1		14
1			14
13	10	14	+

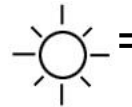
Work Area:

	1	1	9
	1		14
1			14
13	10	14	+

The sum for each column and row is given.



= _____



= _____



= _____

Is 17 a composite or a prime number?

Pam has 32 books. She organized them equally into 4 boxes. How many books in each box?

If you exchange 90 dimes for dollars, then how many dollars would you get?

What is the sum of 10 and 726?

Double the number 9 three times.

C, J, D, _____, E, L, F, M, G, N

$$25 + \underline{\quad} + 29 = 70$$

$$\text{double } 32 =$$

$$\underline{\quad} \div 4 = 7$$

Name: _____

Fill in the missing numbers.

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

Dark lines surround a block. Numbers to use in a block:

A block with 1 space has to be the number 1.

A block with 2 spaces must have the numbers 1 and 2.

A block with 3 spaces must have the numbers 1, 2, and 3.

A block with 4 spaces must have the numbers 1, 2, 3, and 4.

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

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

1 3 2 4

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

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

1 2 3 4

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

Hint - These numbers are missing:

3 4 2 3 2 3 1 2

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

Hint - These numbers are missing:

1 3 3 2 3 3 4

The factors of 15 are _____ 5 15

Name: _____

Fill in the missing numbers.

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

Hint - These numbers are missing:

3 1 4 4 1 2 1 1 3 2

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

	4	1	4	1
2		2		
	4		4	
3			2	3

Hint - These numbers are missing:

3 3 2 1 3 1 1 2 1

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

Hint - These numbers are missing:

1 2 3 1 3 1 4 1

At 2 p.m. today, Jessica will not be able to use her electronics for 2 hours. At what time will she be able to resume using her phone?

What number is halfway between 16 and 22?

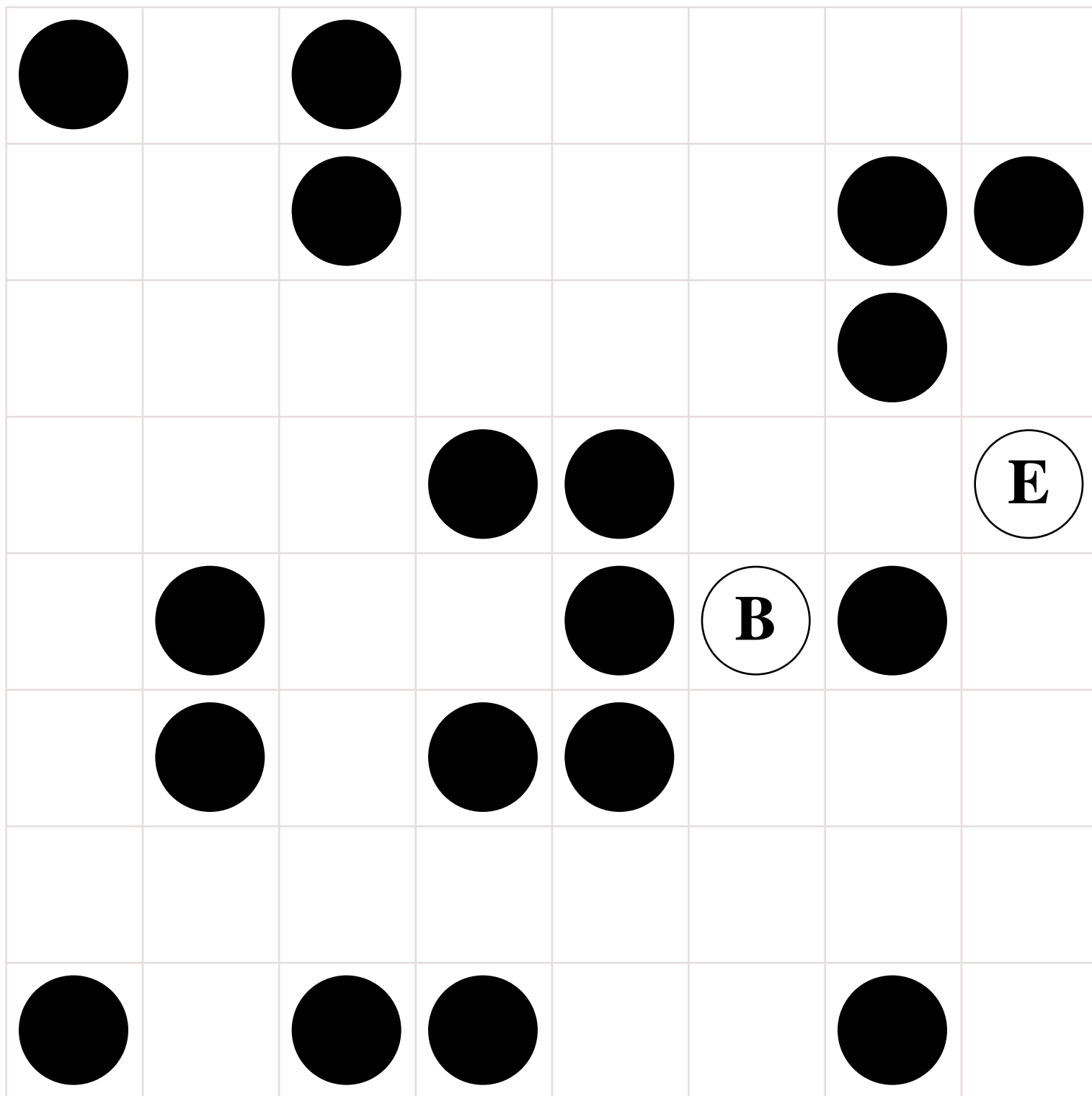
Write the greatest possible 5-digit number using only 2 different numbers.

Name _____



Date _____

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.



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

I missed _____ circle(s).



It's NO PREP at edHelper.

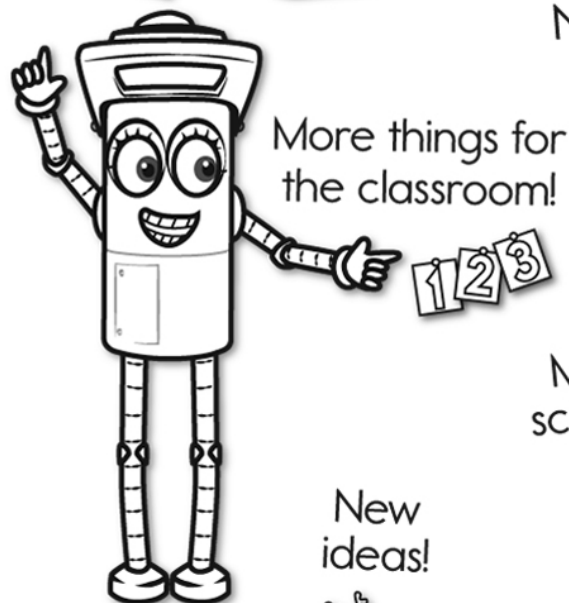
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1 2 3



New ideas!



\times $=$ $-$ \div $<$ $>$

More puzzles!



