Name: _____

Get a fidget spinner! Spin it.   I needed to spin _____ time(s) to finish.

Is 18 a composite or a prime number?	How many tens are in the number 22,000?	How many total legs are on 4 zebras and 2 ants?
What number is halfway between 0 and 6?	42 ÷ 7 =	How much greater is 182 than 31?
How many meters are there in 28 kilometers?	How many minutes is it from 9:00 a.m. to 10:15 a.m.?	140, 150, _____, 170, 180, 190, 200, 210
What 5 coins add up to 85 cents?	33 + n = 49 What is the value of n?	The diameter of a circle is 496 cm. What is the radius of this circle?

Name: _____

Is 25 a composite or a prime number?	Write the greatest possible 3-digit number using only 2 different numbers.	triple 60 =

What number is halfway between 35 and 43?

81, 90, 99, _____, 117, 126, 135

14, _____, 18, 20, 22, 24, 26

Mary has 30 cookies. She and her 5 friends shared them equally. How many cookies did Mary keep?

7332, 3327, 3273, 2733, 7332, 3327, 3273, 2733, 7332, 3327, _____, 2733, 7332, 3327

Draw a number line with 0, $\frac{1}{2}$, and 1. Show where $\frac{6}{11}$ would go. Is $\frac{6}{11}$ closer to 0, $\frac{1}{2}$, or 1?

Round the decimal 0.745 to the nearest hundredth.

A, F, _____, P, U, Z

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

Name: _____

Emily bought 25 stamps that cost $0.32 each and 13 stamps that cost $0.35 each for her Older Americans Month cards. She paid for the stamps with a $20 bill. How much change did she receive?

Mrs. Garcia's recipe for haggis calls for $2\frac{1}{4}$ cups of stock and serves 12. How much stock will she need to make 4 servings of haggis?

What is 5% of 73?

Peter and Amy are a team. Peter makes robots, and Amy fits them for fancy robot clothes. They have two models. Model One is very small at only 5.2 inches. The other is bigger, but Peter only gave Amy a calculation as the robot is still in production. Peter wanted it to be 2 times the size of Model One, but it turns out the prototype is 5.8 inches shorter than that. How big is the prototype?

word root **demi** can mean **half**   **demitasse, demigod**

Name: _____

Pay the bill!

Megan received a bill for her cellphone from Mobile Unlimited for $68.86. Write the check as Megan would write it.

SAMPLE

MEGAN

1609

DATE _November 23, 2024_

PAY TO THE
ORDER OF _Mobile Unlimited_ $ | $68.86 |

sixty-eight and eighty-six cents   DOLLARS

MEMO _phone bill_   _Megan (sign in script)_

⑆991785156⑆ ⑈55374⑈ 1609

Pay the bill!

Rent is due. Megan needs to pay her landlord $2,900. Her landlord's name is Rosa Harris.

MEGAN

1610

DATE_____

PAY TO THE
ORDER OF _____ $ | |

_____ DOLLARS

MEMO_____ _____

⑆991785156⑆ ⑈55374⑈ 1610

Use >, <, or = to complete.

468 __ 469.2

17.71 __ 17.6

154.15 __ 150

10.28 __ 10.280

20.3 __ 20.73

112 __ 116.8

18.3 __ 18.30

Use >, <, or = to complete.

4.8 __ 4.5

5.6 __ 4.9

9.7 __ 10.6

3.9 __ 3.3

0.6 __ 0.59

3.23 __ 3.12

8.5 __ 7.7

Write as a decimal.
Fifty thousandths

Name: _____

Pay the bill!

Jacob received a bill from Central Water for $199.90. Write the check as Jacob would write it.

JACOB   1284

DATE_____

PAY TO THE
ORDER OF _____ $ [   ]

_____ DOLLARS

MEMO_____   _____

I:998816163I: II•44236II•   1284

Pay the bill!

Jacob needs money. He wants to get $60 in cash, so he writes a check payable to cash in this amount. Write this check.

JACOB   1285

DATE_____

PAY TO THE
ORDER OF _____ $ [   ]

_____ DOLLARS

MEMO_____   _____

I:998816163I: II•44236II•   1285

It was 8 degrees above zero in the morning. By afternoon the temperature rose 18 degrees. How warm was it?

$3\frac{2}{5} + 9\frac{1}{5}$

How many centimeters in 440.7 meters?

How many centimeters in 2.8 meters?

It was 70 degrees outside. What would the temperature be if it got 11 degrees colder?

Estimate quickly the difference.
5,690 - 2,740

Name: _____

Can 733 be evenly divided by 4? Circle:

733 is NOT evenly divisible by 4

733 is evenly divisible by 4

```
  5 7
- 4 5
```

6 x 11 = _____

3 x 10 =

The product of two consecutive whole numbers is 182. What are the two consecutive whole numbers?

Rosa rolls a die. What is the chance of her rolling a 1?

_____

1 km = 1,000 m

27 km = _____ m

```
  2 3 3
+ 4 0 2
```

```
  4 7
+ 3 8
```

Which is the better buy?
Seven bags of candy for $14
or two bags of candy for $12?

88 ÷ 8 = _____

```
  6 9 7
- 5 3 6
```

Write this as a number in standard form. Use a comma in your number.

three hundred eighty-five thousand, seven hundred twenty-six

_____

10 kg = _____ g

Name: _____

How many feet are in 2 yards?

_____ feet

Circle the smallest number:

698,021,573,442

7,158,630,946

50,914,862

73,257,083,641

8,973 - 7,572 = _____

467 + 998 = _____

Nathan has two nickels, two pennies, and one dime. He also has one other coin that is different from the rest of his coins. How much could he have?

10 x 2 = _____

You are given three cards. One card has the number 1 on it, another card has a 2, and the last card has the number 3 on it. Use two cards to make a fraction. What is the largest fraction that you can make?

What time is 15 hours after 5:00 a.m.?

_____

Fill in the missing operations to complete this equation:

14 ____ 7 ____ 10 = 12

793 - 291 = _____

3 x 12 =

20 ÷ 10 = _____

The letters D and W each have a line of symmetry. Name another letter between D and W that has a line of symmetry.

_____

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

Name: _____

Some vowels are missing in the word search.
Fill in the missing vowels and circle the words.

```
C  N  S     P  R     M     R
P     P  L     T        N
G  D     C  L     R     S
R     W  R  W  C  U  S  I  U
   S        R     E  S  C  R
V     R  C     R  R  I  O  T
   R  D     N     U  E  T  R
O     W     G     E  I  O  N
Q  R  S  L  F  R  F        D
I  S  P  R  Y  C  R     N
```

FEUD • CAREER • RIOT
POPULATION • WRING • SUPREME
CRANE • ARISE • SPRY • AWARD
GROVE • RECOIL • DESIRE

Circle the addition property
for 35 + 175 = 175 + 35.

associative property

commutative property

If you divide 53 by 4, you get a remainder
of 1.
Make up three other different equations
where you divide by 4 and get a
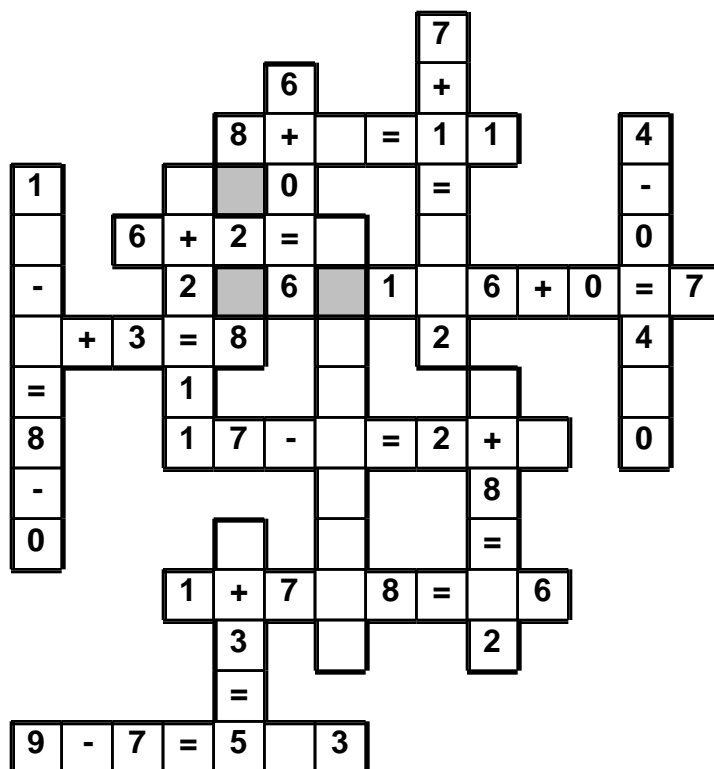remainder of 1.

3,591 - 2,364 = _____

88 ÷ 8 = _____   6 x 6 = _____   39,785 + 38,284 = _____

Name: _____

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

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

How many dimes make $2.80?

5 x 5 = _____

36 ÷ 3 = _____

28 ÷ 7 = _____

40 ÷ 10 =

For 5,507,806,957,506, write the digit that is in the ten thousands place.

_____

Name: _____

Luis, Abigail, Eric, and Natalie are competing in the Olympics. They are each from a different country (Switzerland, Uruguay, Canada, and India), and they are also each competing in a different event (curling, cross-country skiing, downhill skiing, and snowboarding).

Figure out the country each person is from and the event he or she is competing in. (Assume that each hint refers to one of the four people. For example, if Luis has lunch with someone she met from another country, then assume that this person is among one of the four people).

1. The person competing in the downhill skiing event is from North America. This is her first time to represent her country at the games.

2. The person competing in the snowboarding event is from South America. This is her third time to represent her country at the games.

3. The person from Canada and her friend invited the person from India to dinner. The person from India thought it was a great idea, and he gladly accepted.

4. Eric had lunch with someone he met. The person he met is competing in the snowboarding event.

5. Though Luis has never been to Canada, he would like to visit.

6. The person from Uruguay and her friend invited the person from Switzerland to dinner. The person from Switzerland thought it was a great idea, and he gladly accepted.

7. The person competing in the cross-country skiing event is from Europe. This is his second time to represent his country at the games.

8. Though Natalie has never been to Canada, she would like to visit.

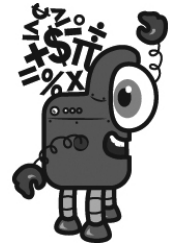9. Though Eric has never been to Switzerland, he would like to visit.

Name: _____

Mental Math

⌘ **Start with the product of 12 and 11.**   <u>132</u>

⌘ **Add the digits in your number. The sum of that is your new number.**   _____

6 0 2 8 8 1 5 0 3 3 (Circle your answer to double check you are correct.)

⌘ **Increase that number by 16.**   _____

5 1 3 2 7 4 2 2 1 6

⌘ **Divide that number in half.**   _____

7 1 4 1 1 3 1 8 2 8

⌘ **Add the number of ounces in 1 pound.**   _____

8 4 1 8 6 0 9 2 7 4

⌘ **Triple that number.**   _____

7 6 8 1 1 4 8 5 6 1

⌘ **Increase that number by 13.**   _____

2 0 8 8 9 4 1 5 6 7

⌘ **Add 36.**   _____

5 8 7 5 1 1 3 0 6 5

⌘ **Divide by 10.**   _____

3 1 3 5 9 0 2 3 7 5

⌘ **Triple that number.**   _____

3 9 1 7 7 2 8 3 9 1

⌘ **Increase that number by 31.**   _____

1 7 0 0 4 4 8 3 7 2

Name: _____

Circle the three largest numbers.

0.02 $\dfrac{1}{2}$ 0.3

3.07   2 $\dfrac{1}{4}$

0.03   2.04 $\dfrac{1}{3}$

0.2   0.04   4.05

Amanda and Wendy are playing games on their phones. Who spent the most money?

Amanda bought an avatar for 495 FunBucks. She also bought some stickers for 47 FunBucks.

Wendy bought a badge for her avatar for 40 PlayBucks.

1 US Dollar = 51 FunBucks
1 US Dollar = 3.7 PlayBucks

Draw a number line. Label 0 up to 5.

Then mark approximately where you

think $\dfrac{4}{5}$ and $4\dfrac{3}{4}$ should go.

Is $2\dfrac{2}{3}$ closer to $\dfrac{4}{5}$ or $4\dfrac{3}{4}$?

Circle the one that is smaller.

a. $\dfrac{24}{5}$ or $\dfrac{24}{4}$

b. $\dfrac{1}{6}$ or $\dfrac{1}{5}$

c. $52\dfrac{1}{4}$ or $52\dfrac{1}{3}$

d. $\dfrac{1}{6} + \dfrac{1}{6}$ or $\dfrac{1}{7} + \dfrac{1}{7}$

e. $85 + \dfrac{1}{6}$ or $85 + \dfrac{1}{5}$

Name: _____

+	841		239		
	1,131 ___ + _841_	___ + ___	___ + _239_	___ + ___	512 ___ + ___
	___ + _841_	___ + ___	1,221 ___ + _239_	1,944 ___ + ___	___ + ___
	1,376 ___ + _841_	856 ___ + ___	___ + _239_	___ + ___	757 ___ + ___
624	1,465 624 + _841_	624 + ___	624 + _239_	624 + ___	624 + ___
46	46 + _841_	367 46 + ___	46 + _239_	1,008 46 + ___	46 + ___
	___ + _841_	587 ___ + ___	___ + _239_	___ + ___	___ + ___

		Emily is older than Sarah. Sarah is younger than Amy. Who's the youngest?
8 x 10 = _____	5 x 11 = _____	

word root **contra** can mean **opposite or against**   **contradict**

Name: _____

Complete each pattern. Write what the rule is.

$3\frac{4}{5}$, $3\frac{3}{5}$, $3\frac{2}{5}$, $3\frac{1}{5}$, 3, $2\frac{4}{5}$, $2\frac{3}{5}$, $2\frac{2}{5}$, $2\frac{1}{5}$,

2, $1\frac{4}{5}$, $1\frac{3}{5}$, $1\frac{2}{5}$, $1\frac{1}{5}$, 1, $\frac{4}{5}$, _____ , _____

$3\frac{4}{5}$, $3\frac{3}{5}$, $3\frac{2}{5}$, $3\frac{1}{5}$, 3, $2\frac{4}{5}$, $2\frac{3}{5}$, $2\frac{2}{5}$, _____ ,

_____ , $1\frac{4}{5}$, $1\frac{3}{5}$, $1\frac{2}{5}$, $1\frac{1}{5}$, 1, $\frac{4}{5}$, _____

Subtract $\frac{1}{5}$

Complete each pattern. Write what the rule is.

173, 149, _____, _____, 89, 73, 59, 47, 37, 29, 23, 19, 17

126, 106, 88, 72, 58, _____, 36, 28, 22, _____, 16

_____, _____, 160, 138, 118, 100, 84, 70, 58, 48, 40, _____, _____, 28

Name: _____

When you divide 53 by 9, you will get a quotient of 5 with a remainder of 8.

How many other different remainders can you get if you divide other whole numbers by 9? Give an example of each.

Hannah and Ava want to play Move Fast, their favorite board game. All you do is spin twice, take the sum of your two spins, and move. But if you get the same sum two times in a row, you go to the spot on the board labeled Thunderstorm. The spinner has the numbers 2, 3, 7, and 10 on it. How many different sums are possible?

Hannah got a sum of 14 on her first move. What is the chance that she will go to Thunderstorm on her second move?

Holly tosses a number cube with the numbers 1 through 6 on it. She tosses it again, takes the sum, and moves that many spots on a board game. What is the probability that she moves exactly five spaces?

Draw two different rectangles using the vertices.

Name: _____

Mental Math — #1 —

✿ Start with the number 9.   **9**

✿ Multiply by 9.
   3 9 5 2 8 1 8 5 6 3 (Circle your answer to double check you are correct.)

✿ Increase that number by 3.
   3 3 8 4 5 0 1 9 8 7

✿ Find one-fourth.
   3 0 4 2 1 2 5 0 9 2

✿ Add 29.
   1 5 8 4 7 3 3 5 0 1

✿ Divide by 10.
   6 6 5 1 2 3 8 7 5 3
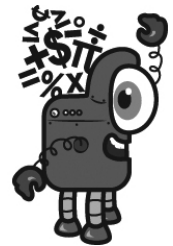
Mental Math — #2 —

✎ Start with the product of 4 and 6.
   6 4 8 5 3 2 2 4 2 2 (Circle your answer to double check you are correct.)

✎ Increase that number by 9.
   7 1 8 3 3 5 1 2 2 4

✎ Increase that number by 3.
   8 6 4 7 2 9 3 6 3 5

✎ Find one-ninth.
   9 9 2 2 3 4 4 7 5 6

✎ Multiply by 4.
   3 2 1 6 6 5 4 2 5 1

✎ Increase that number by 43.
   4 8 6 1 5 9 9 5 1 7
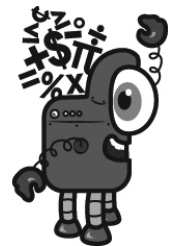
Name: _____

$\frac{20}{?} = \frac{5}{6}$

Write as a decimal.
Six and four hundredths

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

$\begin{array}{r} 9\,1\,8 \\ 2\,5 \\ + \quad 7\,6 \\ \hline \end{array}$

67°

E   F   G
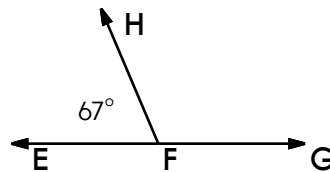
What kind of angle is
∠HFG?

$5\frac{1}{11}$

$-\ 4\frac{2}{11}$
_____

---

6 x 45 =

$5 - \frac{3}{5} =$

Change to a percent.

$\frac{838}{100}$

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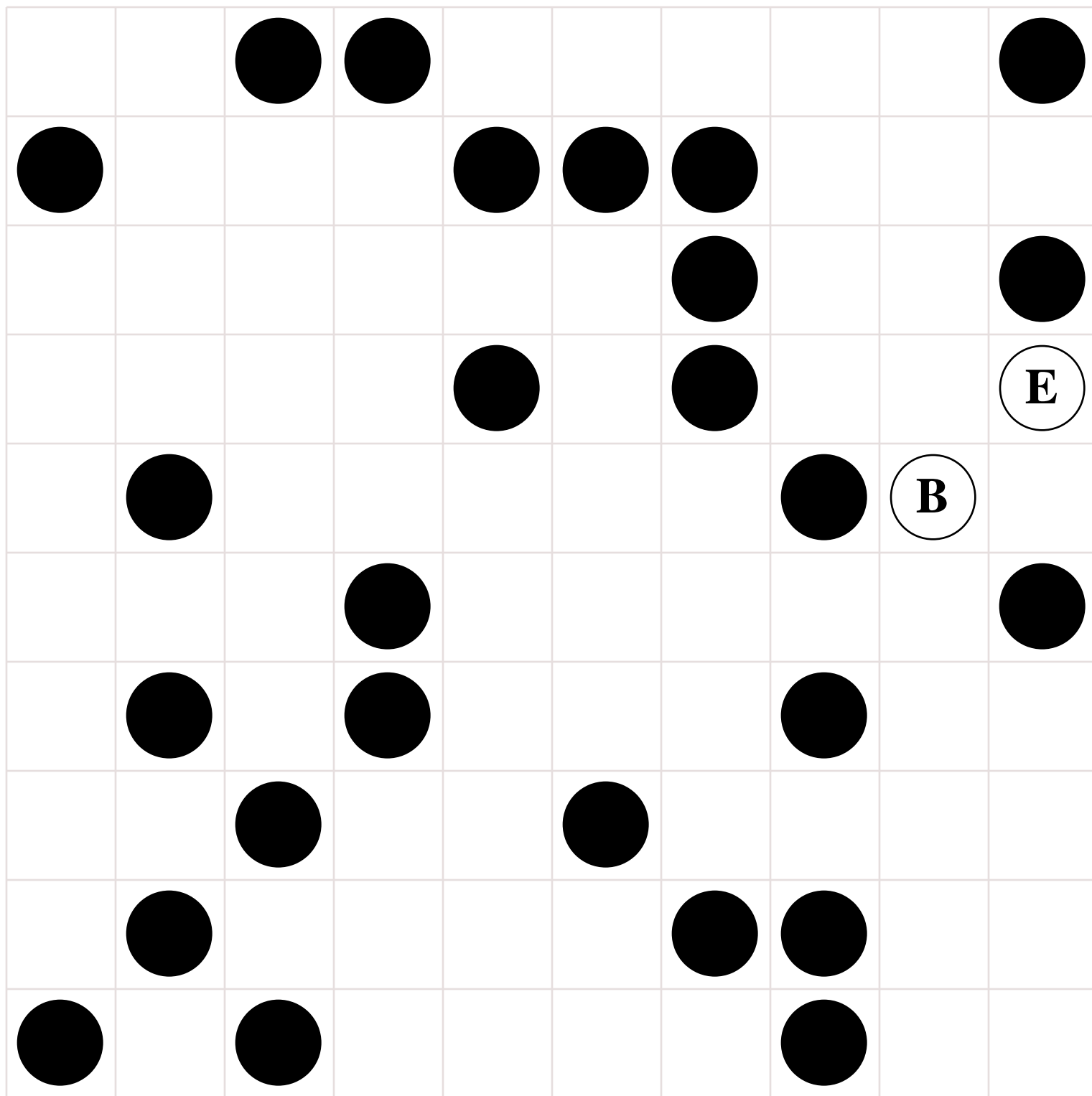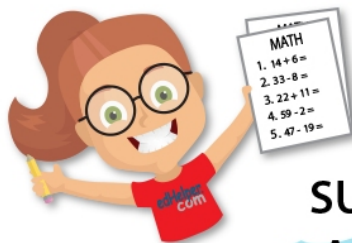
Didn't get them all? That's ok. This was hard.

I missed _____ circle(s).