



Name: _____

Get a fidget spinner! Spin it.

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

$$0.6 (0.4 (0.6 \times 5)) =$$

$$8 \times 12 \div 12$$

Circle the greatest amount:

24%

0.39

$$\frac{12}{25}$$

Rewrite as an algebraic expression or equation.

Ten subtracted from a number is thirty.

$$8 \times 8 \times 8 \times 8 \times 8 = x^5$$

What is the value of x?

$$6 \times 6 \times 6 = 6^x$$

What is the value of x?

$$y = x + 15$$

$$y = 22$$

What is the value of x?

Circle the percentage that is closest to 37 out of 59:

16%

49%

98%

$$7b - 7.5 = 13.5$$

$$b =$$

What is the remainder of 37 divided by 5?

$$28 - 19 + t = 15$$

What is the value of t?

$$|-11| - a = 7$$

$$a =$$



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Spin again.

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

Each side of a regular pentagon is 86.5 centimeters. What is the perimeter?

$$\frac{4}{6} \times \frac{9}{12}$$

$$4 + (65 \div 5) - 120 \div 12 =$$

What is the area of a rectangle with a length of 55 centimeters and a width that is $\frac{1}{5}$ the length?

What is the mode of the following number set?

40, 51, 54, 49, 50, 42, 56, 53,
45, 46, 48, 57, 43, 52

Find the least common denominator for the fractions $\frac{3}{24}$ and $\frac{2}{12}$.

Rewrite $\frac{17}{20}$ as a decimal.

$$9.1123 \times 10^2 =$$

$$0.3 \times 0.9$$

$$|-5| - z = 11$$

$$z =$$

Simplify.

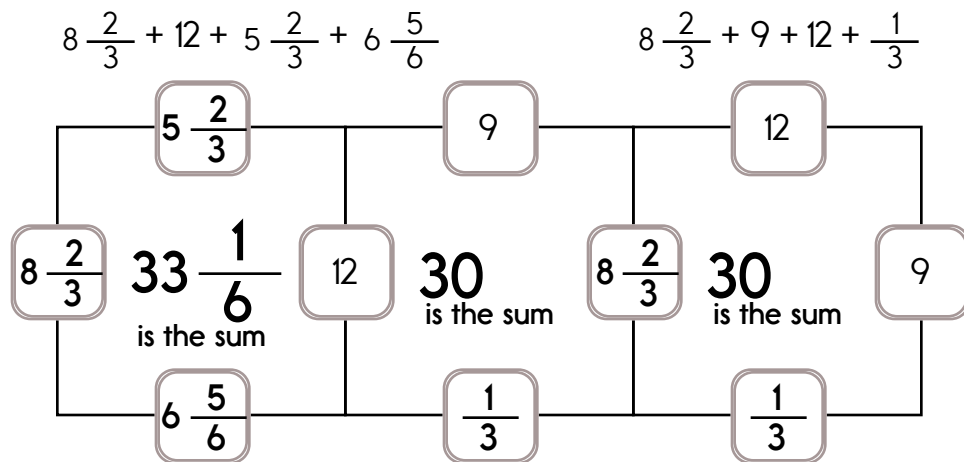
$$\frac{140}{175} =$$

$$10 + 11 \cdot 9 + 6$$

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

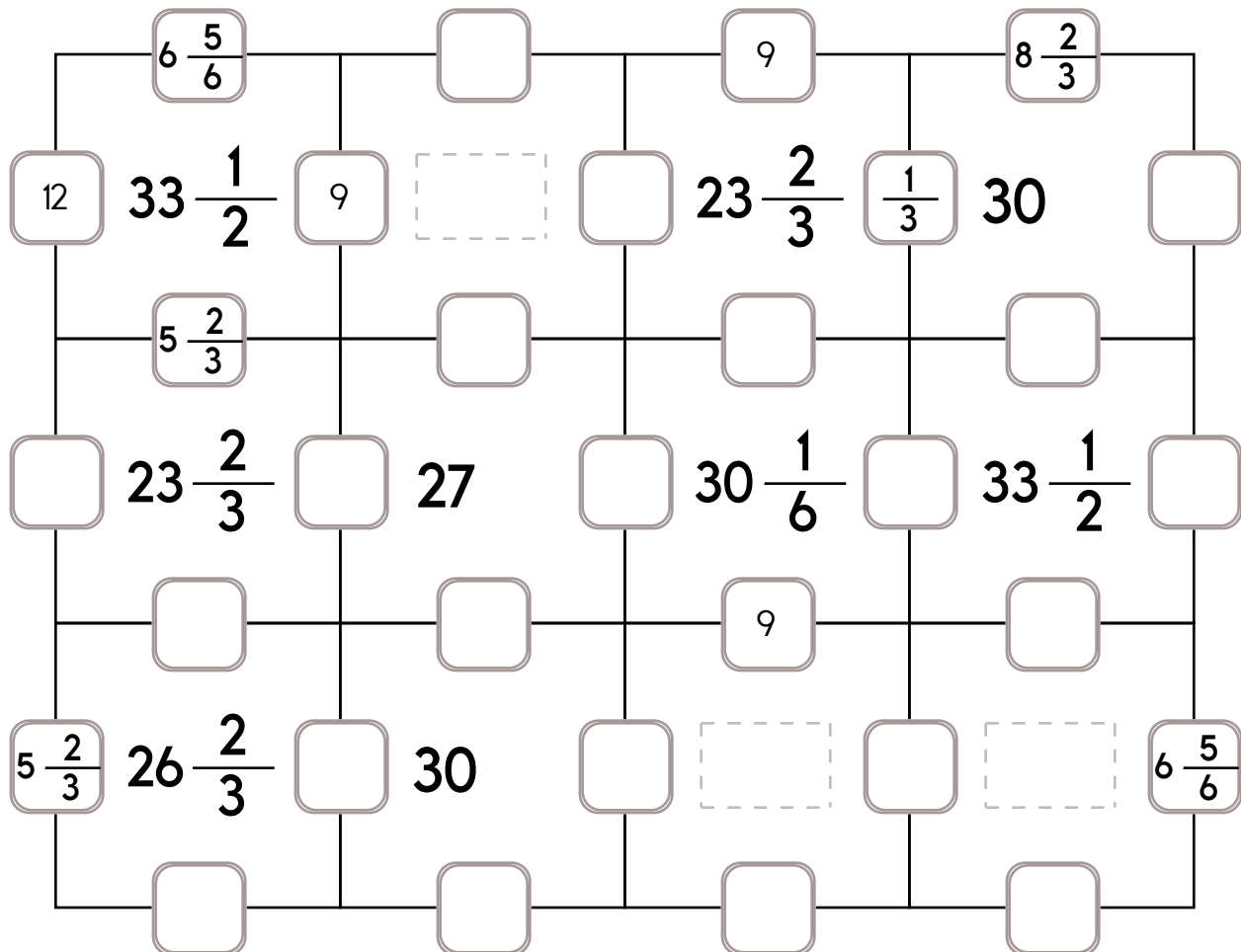
Sample:



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: $\frac{1}{3}$, $4\frac{2}{3}$, or $6\frac{5}{6}$.

The other three numbers have to all be DIFFERENT and must be from these: $5\frac{2}{3}$, 12, $8\frac{2}{3}$, or 9.



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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: $2\frac{1}{2}$, $7\frac{3}{7}$, or $9\frac{1}{6}$.

The other three numbers have to all be DIFFERENT and must be from these: 7, $3\frac{1}{2}$, 8, or $1\frac{1}{2}$.

	$7\frac{3}{7}$				$1\frac{1}{2}$	
8	$23\frac{13}{14}$	7	$19\frac{3}{7}$		$27\frac{2}{3}$	$23\frac{13}{14}$
	$1\frac{1}{2}$					8
$2\frac{1}{2}$	$15\frac{1}{2}$		$19\frac{3}{7}$		19	$15\frac{1}{2}$
			$19\frac{3}{7}$		$15\frac{1}{2}$	$14\frac{1}{2}$
	$25\frac{13}{14}$		$19\frac{3}{7}$		21	$14\frac{1}{2}$
	$25\frac{13}{14}$		$21\frac{1}{6}$			

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<p>Peter wants to make a pyramid to use in his display for Newspaper in Education Week. He is making the pyramid with triangles. Each triangle has a perimeter of 25 inches. Two sides of the pyramid are 9 inches and 10 inches. How long is the third side of the triangle?</p>	<p>There are 8 stacks of books on the table. There is 1 book in the first stack, 4 books in the second stack, 9 books in the third stack, and 16 books in the fourth stack. Following the same pattern, how many books are in the 8th stack?</p>	<p>Robert is feeling stressed this morning. He did not get enough sleep because a dog barked most of the night. The dog barked from 11:41 p.m. until 12:06 a.m. Then it started barking again at 3:31 a.m. and didn't stop until 4:15 a.m. How long did the dog bark in all?</p>
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<p>1 cm = 10 mm</p> <p>22 cm = _____ mm</p>	<p>$44 \div 4 =$ _____</p>	<p>Circle the digit in the hundredths place.</p> <p>28.53</p>
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<p>What number is halfway between 7 and 19?</p>	<p>Rose rolls two dice. What is the chance of her rolling a 5 on one die and a 5 on the other die?</p> <p>_____</p>	<p>$7 \times 6 =$ _____</p>
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<p>$954 + 238 =$ _____</p>	<p>Rewrite these in increasing order of length:</p> <p>30 mm, 8 km, 784 dm, 784 cm, 155 m</p>
<p>$9 \times 6 =$ _____</p>	

<p>How many kilograms are in 3,000 grams?</p> <p>_____ kilograms</p>	<p>$9,712 - 5,493 =$ _____</p>
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$\begin{array}{r} 47 \\ + 26 \\ \hline \end{array}$	<p>Write an equation to represent this:</p> <p>The product of five and four is twenty.</p> <p>_____</p>	$\begin{array}{r} 340 \\ + 439 \\ \hline \end{array}$
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$20 \div 4 = \underline{\hspace{2cm}}$	<p>Make a decimal number. Start with a zero and a decimal point. Then use these numbers: 8, 1, and 6. Make three different decimal numbers. Put your three decimal numbers in order from largest to smallest.</p>
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<p>Mary cannot open her locker. She knows that the three numbers are: 30, 5, and 24, but she cannot remember the order of the numbers. How many different combinations are there? List ten of them.</p>	$\begin{array}{r} 453 \\ - 295 \\ \hline \end{array}$	$110 \div 10 = \underline{\hspace{2cm}}$
		$108 \div 9 = \underline{\hspace{2cm}}$

$28 \text{ km} = \underline{\hspace{2cm}} \text{ m}$	$55 \div 11 = \underline{\hspace{2cm}}$	$\begin{array}{r} 87 \\ - 22 \\ \hline \end{array}$	$27 \div 9 = \underline{\hspace{2cm}}$
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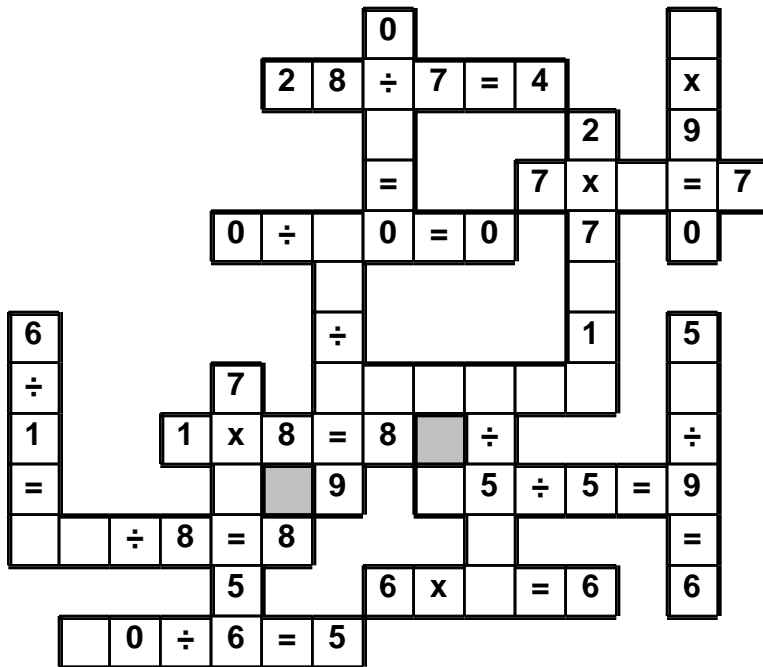
<p>Circle the smallest number:</p>	
<p>62,957,308,143</p>	<p>239,611,937,526</p>
<p>87,259</p>	<p>461,078,045</p>

$$16 \div 2 = \underline{\hspace{2cm}}$$

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

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



Circle the addition property
for $42 + 9 = 9 + 42$.

associative property

commutative property

$$69,641 + 89,489 = \underline{\hspace{2cm}}$$

$$12 \times 2 = \underline{\hspace{2cm}}$$

Ava is giving out candy, but you need to guess her favorite number if you want some. Her favorite number has three digits. The tens digit is 8 more than the units digit. One digit in her number is seven. The three digits add up to seventeen. The hundreds digit is 6 more than the units digit.

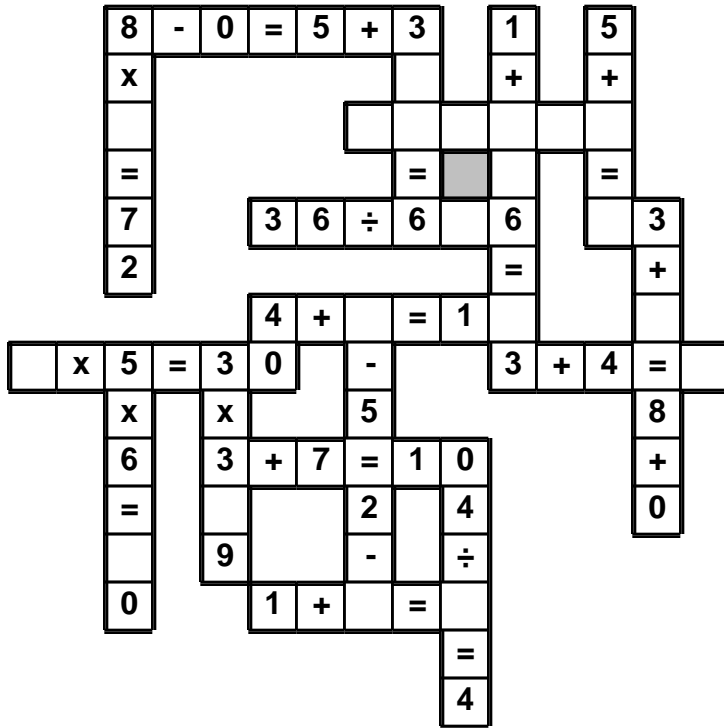
Are you going to get candy?

Wendy rolls two dice. She adds the numbers on the two dice. What is the chance of this sum being five?

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$\times \bullet 9 \bullet 1 \bullet 2 \bullet \div \bullet 6 \bullet = \bullet 2 \bullet + \bullet = \bullet 7 \bullet 7 \bullet 1 \bullet 5 \bullet 6 \bullet 7$
 $= \bullet 3 \bullet 0 \bullet 1$

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



How many centimeters in
440.3 meters?

18, 36, 54, 72,
_____, 108

How much money is 1
quarter, 1 dime, 6 nickels,
and 1 penny?

6, 11, 14, 13, 22,
_____, 30, 17, 38, 19,
46, 21, 54

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?

A, D, G, J, M, P, S,
_____, Y

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David practices tennis for 4 hours each week. Rosa practices swimming for 4 hours each week. How many more hours does Rosa practice in 12 weeks than David?

There is no ethnic majority in Hawaii. Everyone is in a minority. Caucasians (haoles) are about $\frac{34}{100}$ of the population. Write the fraction in simplest form.

Robert likes to make different kinds of paper. He is making special pages for a blank book for his mother. She is going to write her memoirs in it. Each page is 8.5 inches wide and eleven inches long. What is the area of each page?

"Simplify your life. Find extra minutes or even hours in your day. You can have at least 51% more free time. To find out how, just send us \$25 today," the television announcer trumpeted. Write 51% as a decimal.

$12 \times 8 = \underline{\hspace{2cm}}$

Circle the greatest number:

63,274,170,126
951,267,480,315
9,085
49,853

$2 \times 9 = \underline{\hspace{2cm}}$

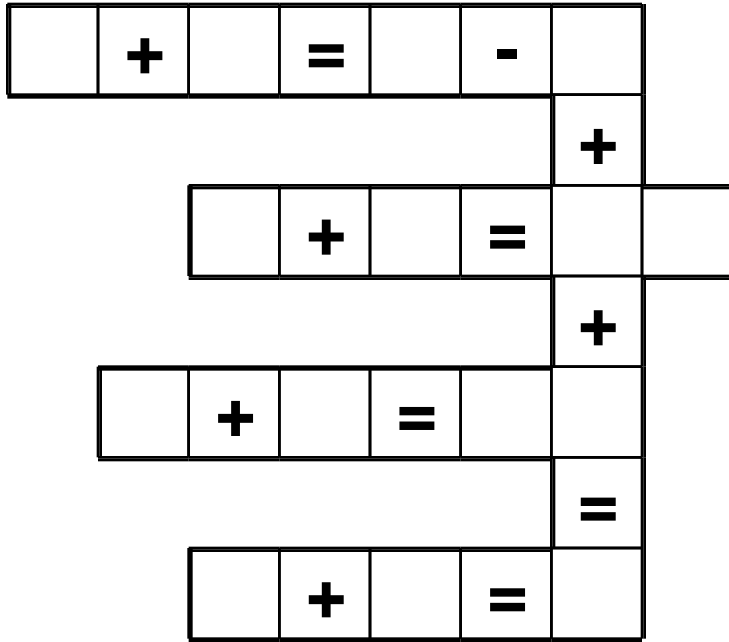
$11 \times 4 = \underline{\hspace{2cm}}$

What time is 15 hours after 3:00 p.m.?

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1 • 5 • 6 • 0 • 9 • 2 • 1 • 1 • 4 • 9 • 1 • 3 • 2 • 2 • 4

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



$$-54 \div 6 =$$

$$\frac{12}{-4} =$$

$$-3 - 7 =$$

$$0.7 \times 0.9$$

What is the greatest common factor of the numbers 96 and 84?

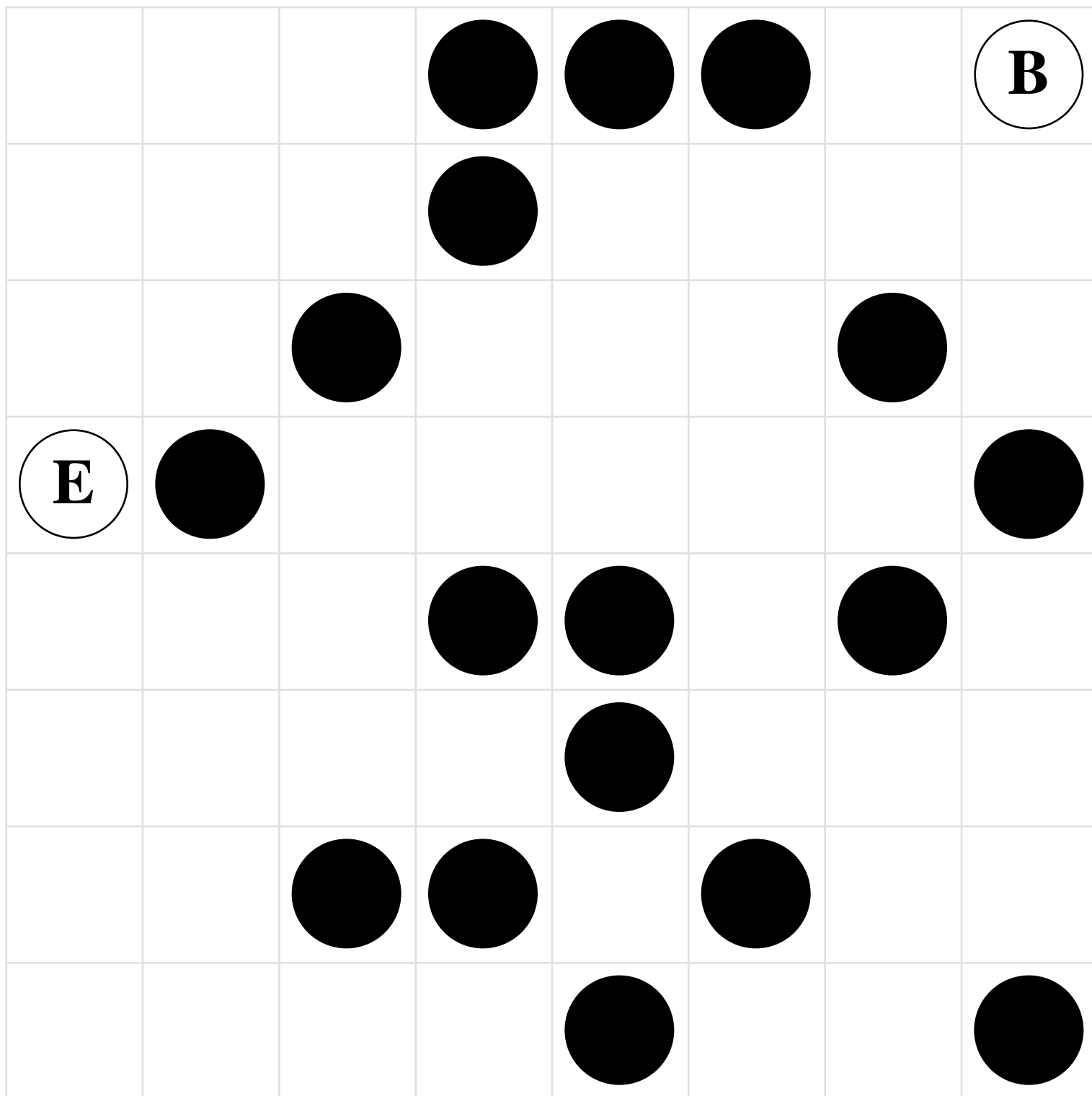
$$0.7 (0.5 (0.7 + 8)) =$$

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 end 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 only _____ circles.



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