Name: _____

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

12	5.2	4.3	2.84	14.11	15

16.95

194.95

$\dfrac{3}{8}$ $\dfrac{3}{4}$

$9\dfrac{1}{8}$ $1\dfrac{1}{2}$

$12\dfrac{7}{8}$

Fill in the missing letters. Write ea or oe.

servic_____ble   p_____m   mosquit_____s
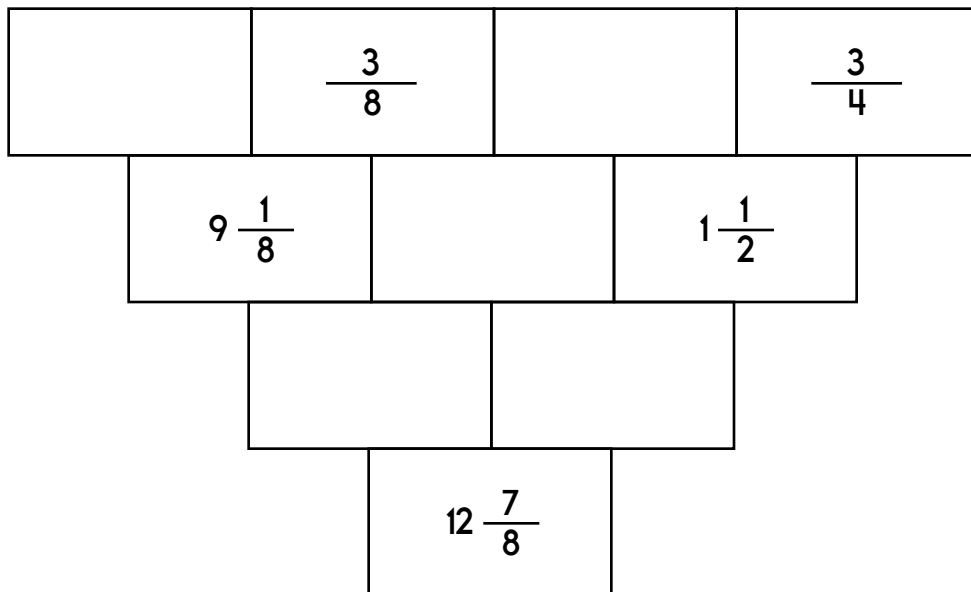
cl_____nest   h_____rd   ech_____s

Name: _____

$18 - \dfrac{1}{4} + \dfrac{3}{7} =$

Write the reciprocal.

$\dfrac{19}{21}$

Reduce $\dfrac{24}{76}$ to its lowest terms.

$\dfrac{1}{3} \div 4 =$

$\dfrac{6}{7}$
$+ \dfrac{1}{7}$
_____

$4\dfrac{2}{12}$
$+ 8\dfrac{4}{12}$
_____

Reduce $\dfrac{6}{30}$ to its lowest terms.

$16 - \dfrac{5}{9} =$

$4 - \dfrac{2}{5} - \dfrac{7}{12} =$

Find the least common denominator.

$\dfrac{4}{5}$ and $\dfrac{1}{6}$

$\dfrac{2}{5} \div \dfrac{5}{12} =$

$\dfrac{6}{7} \times 6 =$

Name: _____

Jack spent his weekend looking for treasure in the park. He found 4 quarters, 16 dimes, 18 nickels, 14 pennies, and an old toy car. How much money did Jack find?

The students in Ms. Lee's 6th grade science class took a survey of 248 students. Three-fifths of the students had already had chicken pox. How many of the students surveyed had not had chicken pox?

Put one line under the smallest number. Put two lines under the next smallest, and so on.

The largest number should have 4 lines under it.

7.8   -12.2   7.3   -12.1

Justin took a big bowl from the kitchen to see what kind of fun party mix he could create.

He added $\frac{1}{3}$ cup of raisins, $\frac{5}{6}$ cup of Cheerios, and $\frac{2}{7}$ cup of pretzels. How much food

is now in the bowl?

word root **brac** can mean **arm**   **bracelet, brachial**

Name: _____

(2 + 16) + 2 = 2(v + 5)

What is the value of v?

---

t - 6 + t = 36
What is the value of t?

Circle the least amount:
32%
0.18

$\frac{11}{25}$

0.1 (0.5 (0.1 x 4)) =

---

417 ÷ 10

If a = 9 and b = 58.6,
then
2a + b - a =

What is the mode of the following number set?

86, 75, 71, 76, 84, 80, 77, 74, 73, 81, 72, 79

What is the area of a rectangle with a length of 18 centimeters and a width that is $\frac{1}{2}$ the length?

Write as an algebraic expression.

$66\frac{}{10}$ divided by the difference of f and g

---

11 x 21 ÷ 3

0.4 x 0.02

Rewrite $\frac{51}{100}$ as a decimal.

Name: _____

The monthly premiums for Mr. Martin's life insurance are $21.78. At that rate, what is the yearly cost for Mr. Martin's life insurance?	Mr. Hall bought a new golf umbrella. It was a very large, very nice umbrella and cost $21.43. How much did Mr. Hall pay for his umbrella including 7% sales tax?	Mary was bored. She found her little sister and offered to read a book to her. She read to her sister for an hour and 36 minutes. If Mary started reading at 2:15 p.m., what time did she stop reading?

$$\begin{array}{r} 2\ 9\ 1 \\ +\ 3\ 0\ 5 \\ \hline \end{array}$$

9,698 - 2,295 = _____

110 ÷ 11 =

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

What time is 14 hours after 2:00 a.m.?

_____

10 x 5 = _____

How many grams are in 2 kilograms?

_____ grams

17 km = _____ m

Rose is older than Mary. Amy is younger than Rose. Who's the oldest?

$$\begin{array}{r} 3\ 2 \\ +\ 2\ 3 \\ \hline \end{array}$$

30 ÷ 5 = _____

Name: _____

1 lb = 16 oz

20 lb = _____ oz

2 x 4 = _____

10 x 4 =

5% of 100 is 5.
5% of 200 is 10.
5% of 500 is 25.

What is 5% of 800?

36 ÷ 12 = _____

11 x 8 = _____

11 x 10 =

$$\begin{array}{r} 3\ 0\ 9 \\ -\ 2\ 0\ 9 \\ \hline \end{array}$$

4 x 2 = _____

Four fancy pens cost $12. At that rate, what is the cost of 8 fancy pens?

10 x 5 = _____

$$\begin{array}{r} 9\ 8 \\ -\ 3\ 6 \\ \hline \end{array}$$

Circle the greatest number:
9,374
402,971,385
41,239,827,609
6,120,857,560

5 x 12 = _____

5 x 2 = _____

799 - 183 = _____

120 ÷ 12 =

Jacob took three numbers greater than 1 and multiplied them. One number was five and the other number was ten. Of course, he forgot the last number, but he remembered the product was 157. Is this possible?

96 ÷ 12 = _____

11 x 4 = _____

Name: _____

Erin and her little sister, Sara, both have birthdays on the same day. Erin is fifteen years old. Sara is eleven years old. Did you know that Erin was once double the age of Sara? How many years ago was that?

12 x 6 = _____

11 x 8 =

Megan got a new soccer shirt. Can you guess the number on the back of her shirt?

It has two digits.
The digits add up to 12.
The larger digit is 4 more than the smaller digit.
The number is even.

337 + 264 = _____

12 x 3 = _____

Here is a pattern of letters:

   D D W D D W D D W D . . .

What letter will be the 23th term in the pattern?

Circle the digit in the hundredths place.

24.11

9 x 5 = _____

6 ÷ 3 = _____

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

one hundred eighty-four thousand, seven hundred four

_____

18 ÷ 9 = _____

Name: _____

9 • 8 • 7 • + • 1 • 7 • 8 • = • 2 • - • 6 • 9 • 0 • 0 • + • 2
+ • 5 • = • 7

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

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

| 35 ÷ 7 = _____ | 224 + 165 = _____ | 10 x 2 = _____ |

Write an equation to represent this:
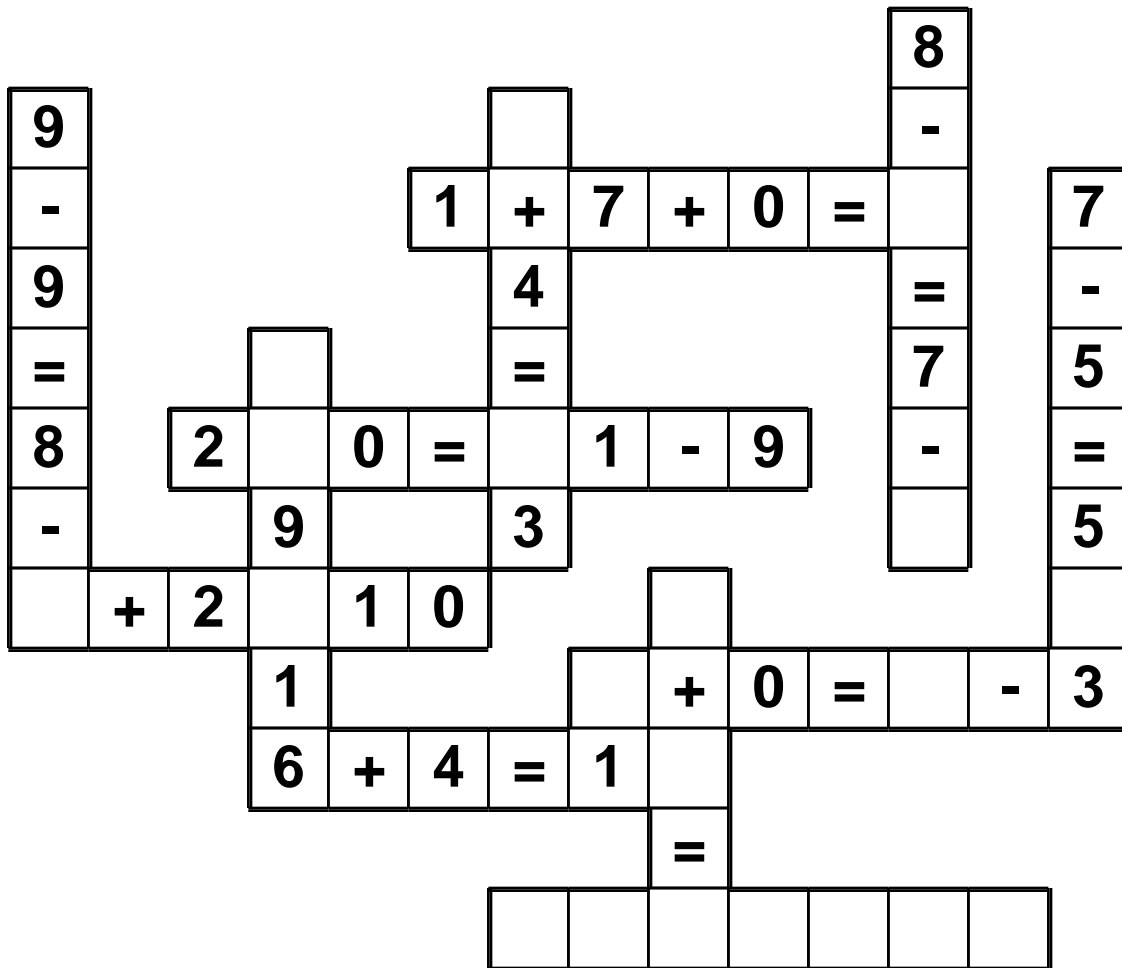
The sum of seven and eight is fifteen.

_____

Wendy rolls two dice. What is the chance of her rolling a 6 on one die and a 6 on the other die?

_____

word root **act** can mean **do or drive**   actor, action

Name: _____

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

Make $54.32 any way you want!

Make $41.12 any way you want!

Make $11.17 any way you want!

Make $43.24 any way you want!

Name: _____

Add one set of parenthesis to each equation so that the equation is true.

(3 x 3) + 2 = 11	6 x (2 ÷ 2) = 6
4 x 10 + 9 = 76	4 x 10 + 9 = 49
5 + 7 - 3 x 4 = 21	5 + 7 - 3 x 4 = 0
4 + 7 + 8 x 3 = 49	2 x 12 - 11 + 1 = 14
8 ÷ 2 x 5 + 11 = 31	4 + 8 - 5 x 8 = 28
12 ÷ 4 + 5 + 4 = 12	7 + 1 + 12 - 3 = 17
7 x 2 + 10 + 7 = 31	12 ÷ 3 + 7 - 2 = 9
4 x 3 + 8 + 1 = 45	12 ÷ 1 x 8 x 5 = 480
8 x 8 - 5 + 9 = 68	4 x 12 + 1 + 6 = 58

Name: _____

$10 \times \underline{} = 120$ $5 \times \underline{} = 25$ $\underline{} \times 11 = 77$

$\underline{} \times 3 = 24$ $\underline{} \times 8 = 40$ $11 \times \underline{} = 22$

$\underline{} \times 10 = 30$ $7 \times \underline{} = 14$ $\underline{} \times 9 = 108$

$11 \times \underline{} = 88$ $\underline{} \times 11 = 121$ $11 \times \underline{} = 66$

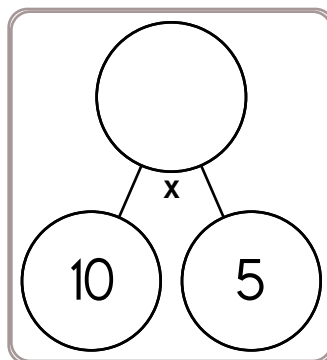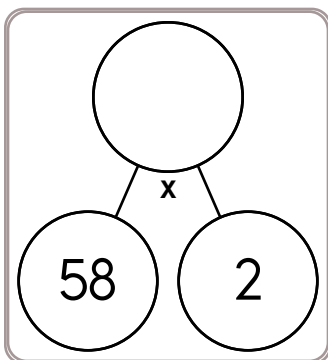$22 \times 6 =$ $33 \times 2 =$ $26 \times 4 =$

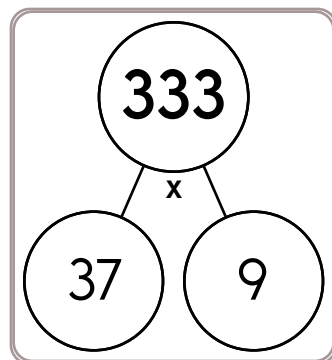$42 \times 9 =$ $57 \times 4 =$ $43 \times 2 =$

$90 \times 7 =$ $74 \times 2 =$ $27 \times 2 =$

$34 \times 6 =$ $78 \times 4 =$ $75 \times 9 =$

333			
37 x 9	◯ x 58 2	◯ x 10 5	◯ x 29 9
◯ x 74 6	◯ x 92 4	◯ x 10 5	◯ x 61 2

Name: _____

Box 1: 260 (x) — ( ) , 26

Box 2: ( ) (x) — 11 , 23

Box 3: ( ) (+) — 21 , 57

Box 4: ( ) (x) — 50 , 10

Box 5: ( ) (+) — 25 , 72

Box 6: ( ) (x) — 10 (x) 5, 2 ; 33 (+) ( ), 15

Box 7: 430 (x) — 43 (+) 29, 14 ; ( ) (x) 5, 2

Box 8: 85 (+) — ( ) (+) ( ), 13 ; ( ) (x) 2, 9

Box 9: ( ) (x) — 18 (+) [( ) (+) ( ), 2] , 12 (+) 5, 7 ; 16 (x) [4 (+) 2, 2] , 4 (+) ( ), 2

Box 10: 216 (x) — ( ) (+) [( ) (+) 3, ( )] , 7 (+) 5, 2 ; 18 (x) [( ) (+) 1, 2] , 6 (+) 3, 3
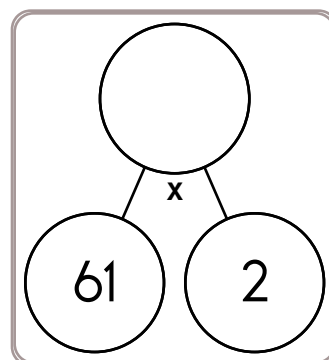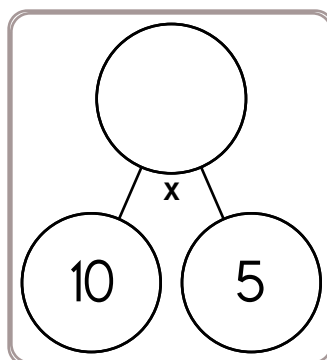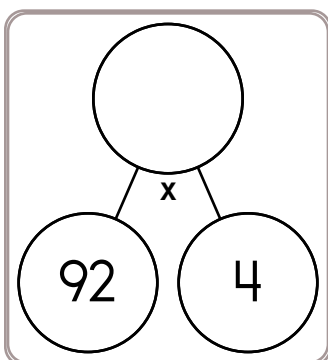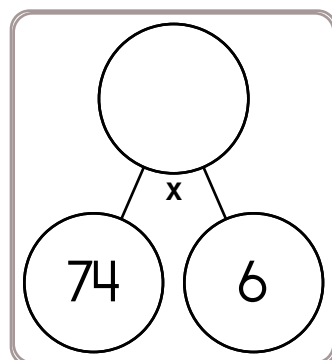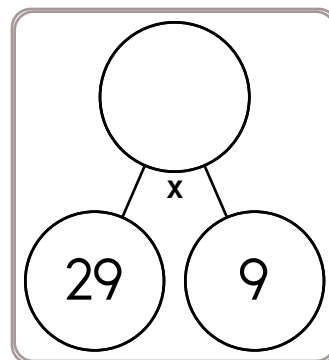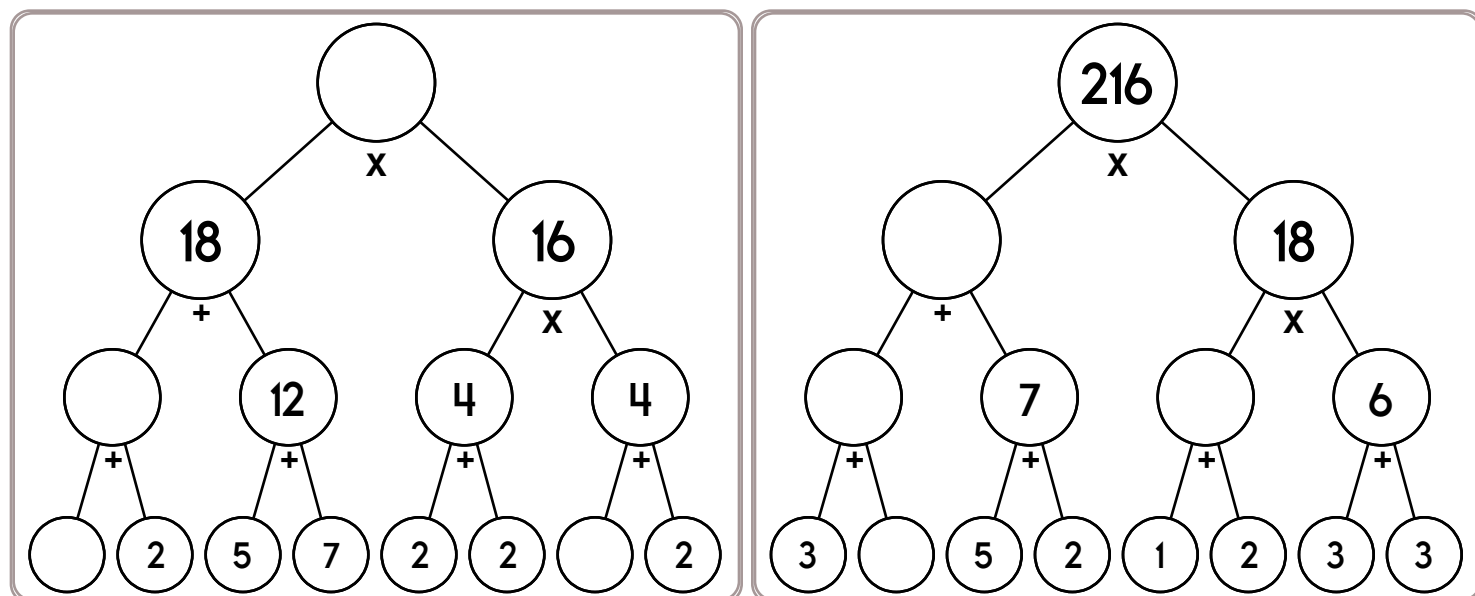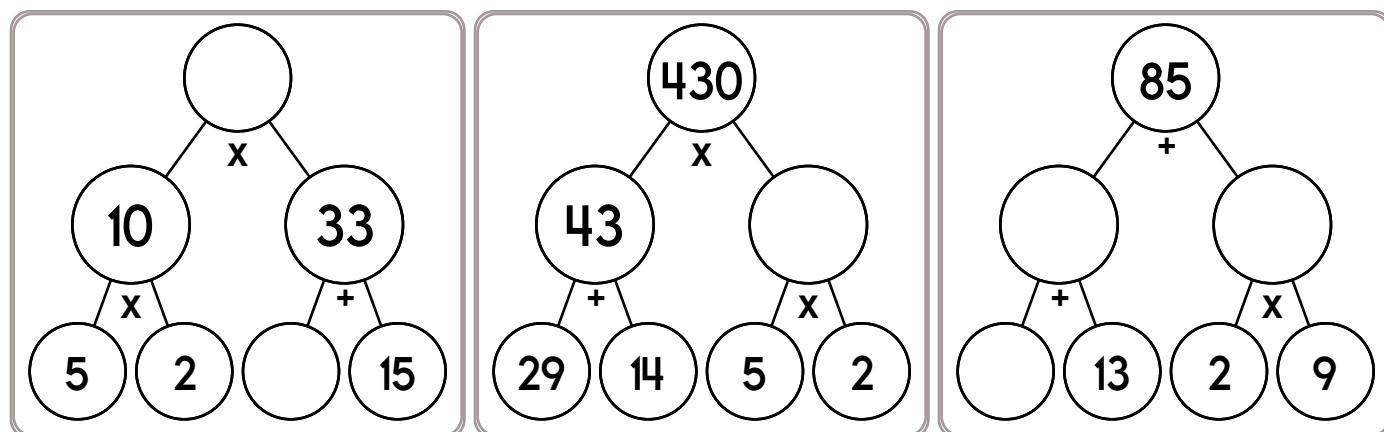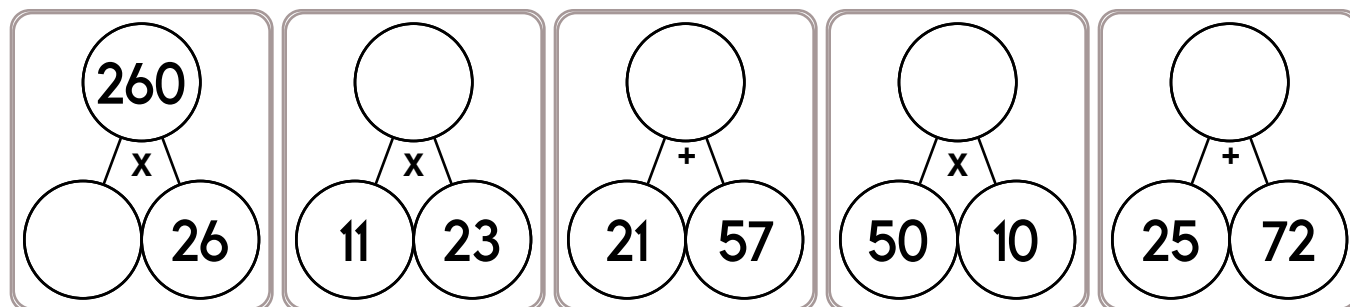
If v = 8 and a = -24 then what is 7v - 15a - 4a = ?

The letter V has an unknown value. If you multiply V by sixteen, the product is four. What value does V have?

|-5| - m = 10

m =

word root **im** can mean **not or in**   **immobile, immobility, impose**

Name: _____

Mary is working on her computer. She is choosing pictures for a digital album and is clicking her mouse every 2.1 seconds. How many times will she click in one minute if she can keep that up?

Jessica likes to spend money at the mall. Her brother tells her that she likes to WASTE her money. She bought 6 pairs of earrings and a makeup kit. Altogether it came to $40.67. The makeup kit was $16.79. The earrings were all the same price. How much did each pair of earrings cost?

Anne is always running out of batteries, so she's going to stock up. At the store, the best deal she could find was a pack of 18 batteries for $8. She has $45. How many packs can she buy? She cannot break a pack into parts or the owner will not be happy!

Hannah likes to make her own board games with special dice. In her latest creation, each die has 7, 10, 13, 16, 19, and 22. If you have to roll two of these dice for each move, what is the most likely outcome for your first move?

Name: _____

Anne and Emily have a secret way of sending numbers to each other. Anne plots a point on a grid. Anne plotted these points and wrote R. That means the pair of numbers she wants is the point that will be farthest to the right. Circle that point. While you are at it, put a rectangle around the point farthest to the bottom! Show your work.

(21, 8)   (5, 4)   (14, 6)   (11, 18)

$6.7913 \times 10^4 =$

$\frac{2}{4} \div \frac{9}{16} =$

$y = x + 19$
$y = 28$
What is the value of x?

$9 \times 4 + 10 - 7 + 8$

In what quadrant would you find the point (4, 8)?
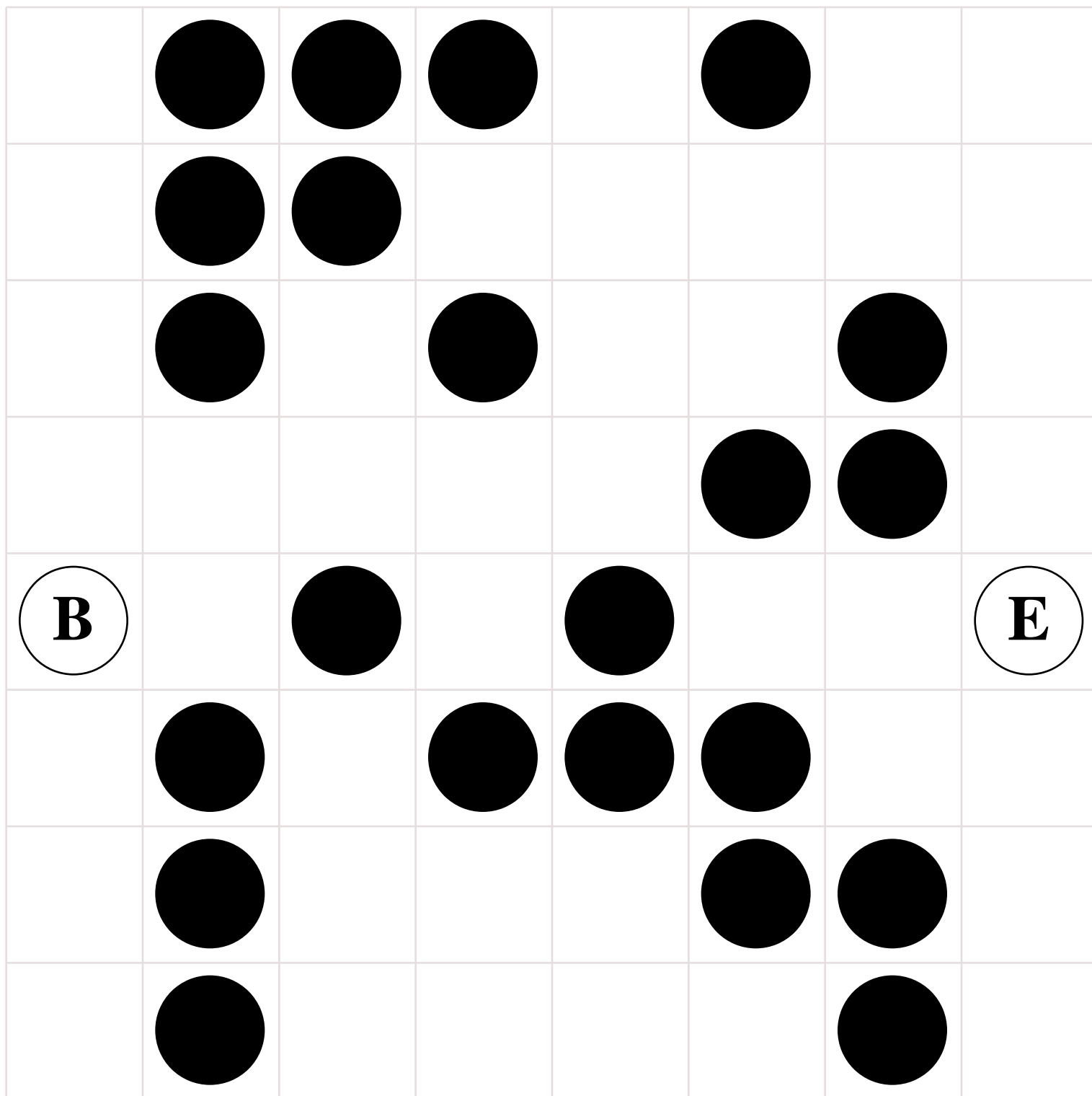

If y = -8 and s = 46 then what is $9y + 9s - 2s = ?$

$24 \div 4 =$ _____

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.