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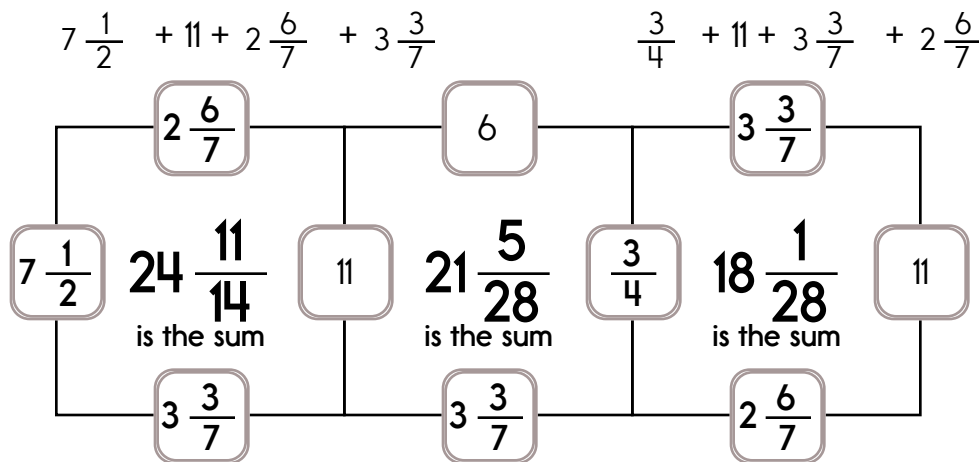
This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

$7\frac{1}{2}$ + 11 + $2\frac{6}{7}$ + $3\frac{3}{7}$ $\frac{3}{4}$ + 11 + $3\frac{3}{7}$ + $2\frac{6}{7}$

Sample:

Row top: $2\frac{6}{7}$ | 6 | $3\frac{3}{7}$

$7\frac{1}{2}$ $24\frac{11}{14}$ is the sum 11 $21\frac{5}{28}$ is the sum $\frac{3}{4}$ $18\frac{1}{28}$ is the sum 11

Row bottom: $3\frac{3}{7}$ | $3\frac{3}{7}$ | $2\frac{6}{7}$

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: $9\frac{5}{7}$, $7\frac{1}{2}$, or $\frac{3}{4}$.

The other three numbers have to all be DIFFERENT and must be from these: $3\frac{3}{7}$, $2\frac{6}{7}$, 11, or 6.

Top row: 11 | ☐ | $7\frac{1}{2}$ | ☐

$3\frac{3}{7}$ $27\frac{13}{14}$ $7\frac{1}{2}$ $19\frac{11}{14}$ ☐ $24\frac{11}{14}$ ☐ ☐ (dashed) ☐

Row: 6 | ☐ | $2\frac{6}{7}$ | $9\frac{5}{7}$

☐ $27\frac{5}{14}$ ☐ $27\frac{13}{14}$ ☐ $24\frac{11}{14}$ ☐ $30\frac{1}{7}$ ☐

Row: ☐ | ☐ | ☐ | ☐

☐ $27\frac{5}{14}$ ☐ 27 ☐ ☐ (dashed) ☐ ☐ (dashed) ☐

Bottom row: ☐ | $9\frac{5}{7}$ | $9\frac{5}{7}$ | $2\frac{6}{7}$

Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.
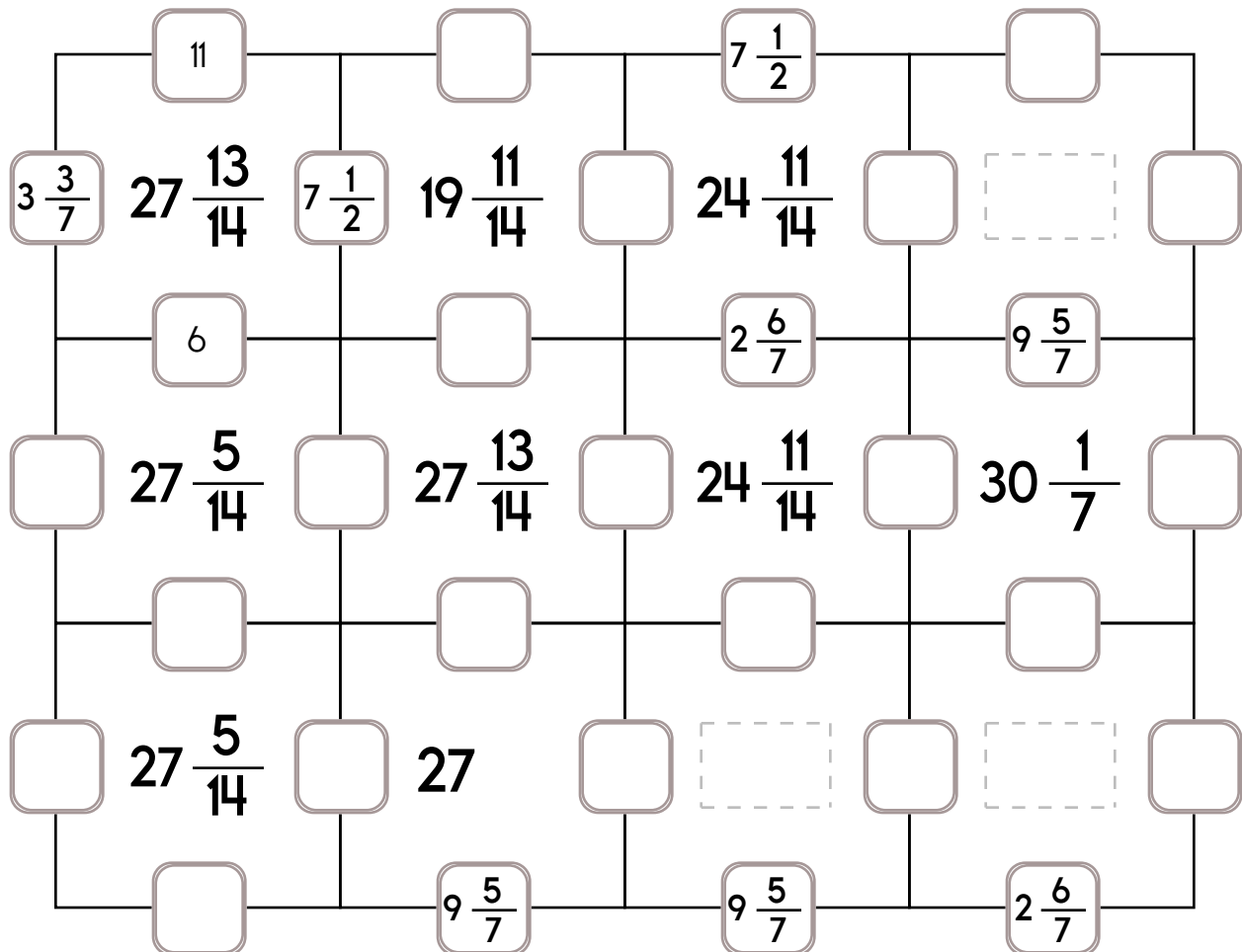
Exactly one of the four numbers has to be one of these numbers: $4\frac{3}{4}$, $6\frac{1}{2}$, or $8\frac{7}{8}$.

The other three numbers have to all be DIFFERENT and must be from these: $3\frac{1}{2}$, 9, $4\frac{1}{4}$, or 10.

$3\frac{1}{2}$

9    $25\frac{5}{8}$ $4\frac{1}{4}$ $26\frac{5}{8}$ $25\frac{5}{8}$ $23\frac{1}{4}$

$8\frac{7}{8}$ $4\frac{1}{4}$

$32\frac{1}{8}$ $21\frac{1}{2}$ $29\frac{3}{4}$

$32\frac{1}{8}$ 28   29 $24\frac{1}{4}$

28    $22\frac{1}{2}$ $25\frac{5}{8}$ $21\frac{1}{2}$

$21\frac{1}{2}$ 28

Name: _____

Zeeka has invented a new space vehicle to go from his home planet of Zomba to his friend's planet of Oomba. It is a fun ride! It can fly at a speed of 840 mph. How far will it go in 5 minutes?

How many minutes is it from 7:00 a.m. to 10:35 a.m.?

Write $\frac{4}{20}$ in lowest terms.

Know how many inches in a foot? Okay, smarty pants, how many inches in 7 feet?

Round 78,637 to the nearest hundred.

$40 \div 5 + 10$

It was 74 degrees outside. What would the temperature be if it got 27 degrees colder?

1 cm = 10 mm

22 cm = _____ mm

$88 \div 8 =$ _____

What time is 16 hours after 2:00 a.m.?

_____

Name: _____

Write as a fraction in simplest form.

$$\frac{1}{2} \quad + \quad \frac{3}{4} \quad + \quad \frac{4}{5} \quad =$$

$$\frac{4}{5} \quad + \quad \frac{1}{2} \quad + \quad \frac{1}{6} \quad =$$

$$\frac{3}{4} \quad + \quad \frac{1}{10} \quad + \quad \frac{1}{5} \quad =$$

Write the reciprocal.
17

Write the reciprocal.

$\frac{14}{18}$

Write the reciprocal.

$\frac{18}{4}$

What 6 coins add up to 40 cents?

Round 14,308 to the nearest thousand.

What is the area of a rectangle with sides 5 cm and 12 cm?

How many kilograms are in 3,000 grams?

_____ kilograms

41,552 + 13,551 = _____

Name: _____

| The Brown family drove a total of 570 miles in two days to go to the winterfest. They drove twice as far on Saturday as they did on Friday. How many miles did they drive on Saturday? | Ava's great grandmother walked all the way across Germany before she came to the United States. She and her family carried all they owned in little sacks on their backs. They walked an average of 3.44 miles per day. How far did they walk in a year? | The food service workers at Mountain Springs Elementary School begin their work at 5:14 a.m. and finish their days at 11:14 a.m. They work five days a week. If they make $9.46 per hour, how much do they make in a week? |

```
  3 9
+ 3 8
```

What number is halfway between 26 and 31?

2 x 5 = _____

45 ÷ 9 = _____

```
  2 7 3
- 1 1 4
```

Can 633 be evenly divided by 6? Circle:

633 is evenly divisible by 6

633 is NOT evenly divisible by 6

7 km = _____ m

5 x 11 =

7 x 4 = _____

27,256 - 26,785 = _____

68,615 + 83,221 = _____

```
  9 1
- 6 0
```

Name: _____

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

```
C  C     M  B     N        T
      B  H  A        C  N
M     T  N  C  N        V  N
F  D  M     H  G        G
   J  J     E  V  S  X  N
R        C     Y  N  M  T  B
T  S  F     R  L     R  N  L
   T  S     R        S
      R  D  F        S  T
R  T        R     S     L  T
```

COMFORT • SERIOUS • FIESTA
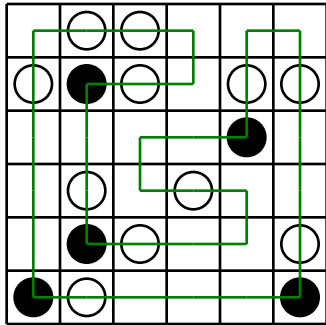FORLORN • INVENT • COMBINE
TANGIBLE • COAX • ACHE • ADJUST
RESULT • NAVY

56 ÷ 8 =

$$\begin{array}{r} 4\,1\,1 \\ +\ 3\,4\,0 \\ \hline \end{array}$$

30 ÷ 3 = _____

Pick a month. Can you make up a calendar
for your month with five Mondays? Show your
calendar below:

8 x 6 =

Name: _____

Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.
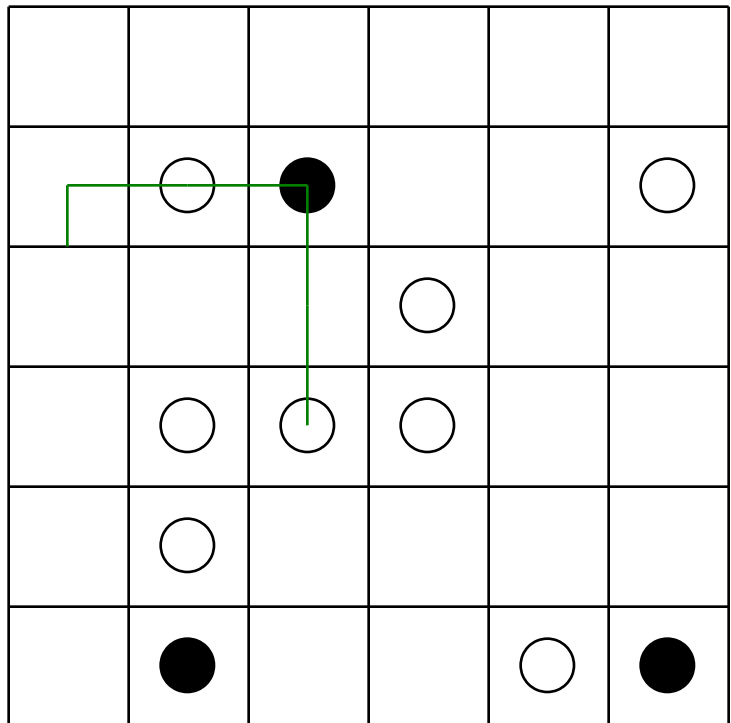
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The puzzle on the left shows a correct line going through all the circles.
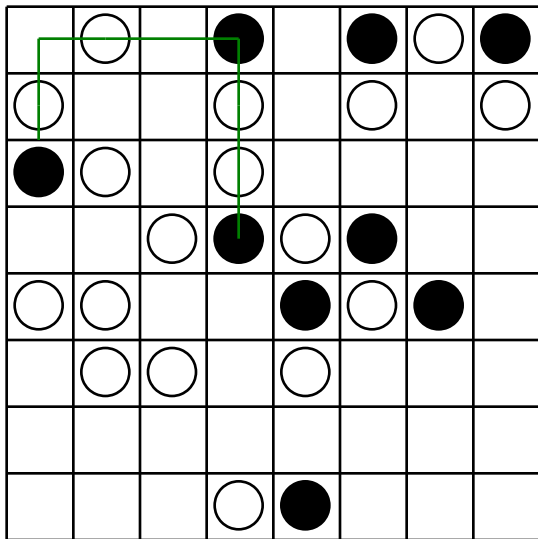
Finish the line: Finish the line:

Circle the greatest number:
25,840,619,736
7,658,241,093
170,762,538,094
359,284

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

_____

3 x 3 = _____

2,519 + 7,839 = _____

Circle the smallest number:
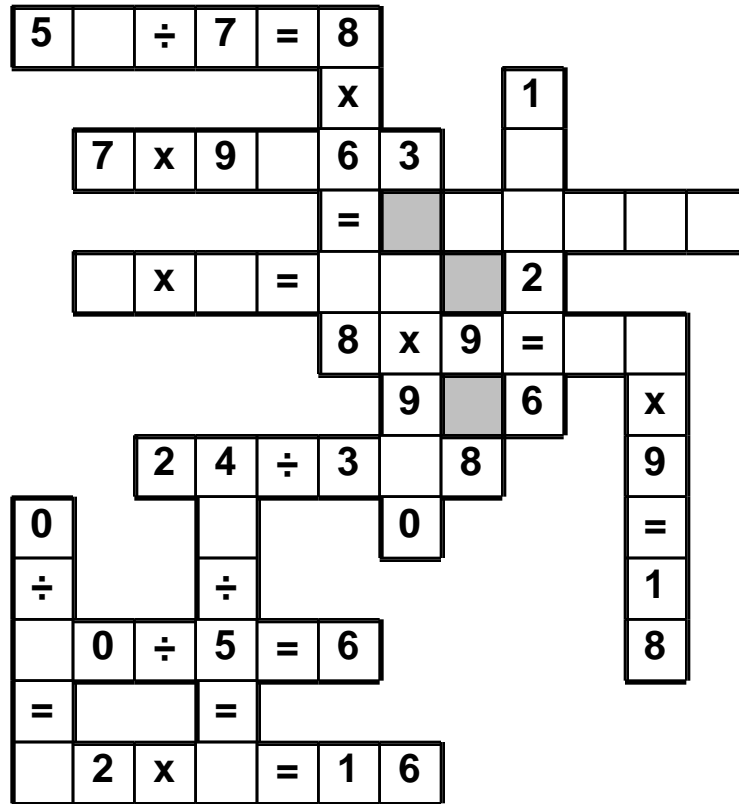26,710   31,062,978,547
380,645,912,246   8,359

Name: _____

| 6 • = • 2 • 4 • ÷ • 4 • = • 1 • 5 • 8 • 4 • 0 • 7 • 2 • = • 0 |
| 3 • 0 • 8 |

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

```
 5 |   | ÷ | 7 | = | 8
               | x |           | 1
 7 | x | 9 |   | 6 | 3 |         |
               | = |▒|   |   |   |   |
   | x |   | = |   |   |▒| 2
           | 8 | x | 9 | = |   |
               | 9 |▒| 6 |   | x
 2 | 4 | ÷ | 3 |   | 8 |   | 9
 0 |           |   | 0 |   | =
 ÷ |       | ÷ |               | 1
   | 0 | ÷ | 5 | = | 6 |       | 8
 = |       | = |
   | 2 | x |   | = | 1 | 6
```

Amy is a family friend. She will be picking you up from school and driving you to a bank. Where should she go? Write instructions to explain how she could get there and where you will be going.

24 ÷ 6 =

Name: _____

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

Make **$57.56** using bills and coins.

		$10		

25¢ ◯ ◯ ◯

Show a different way to make **$57.56** using a different number of bills or coins.

Make **$11.56** using bills and coins.

Show a different way to make **$11.56** using a different number of bills or coins.

word root **son** can mean **sound**   sonar, sonogram

Name: _____

Complete each pattern. Write what the rule is. HINT: The first two numbers in each

pattern are random numbers.

3.16, 22.49, 25.65, 48.14, 73.79, 121.93, 195.72,

317.65, 513.37, 831.02, _____, _____, _____

6.58, 13.23, 19.81, 33.04, 52.85, 85.89, 138.74,

224.63, 363.37, 588, 951.37, _____, _____, _____

Find the missing numbers. These both have the same rule. What is the rule?

If

1 , 9 = 9

2 , 13 = 26

3 , 15 = 45

4 , 17 = 68

Then

5 , 21 = ?

If

7 , 6 = 42

8 , 11 = 88

9 , 16 = 144

10 , 21 = 210

Then

11 , 24 = ?

Name: _____

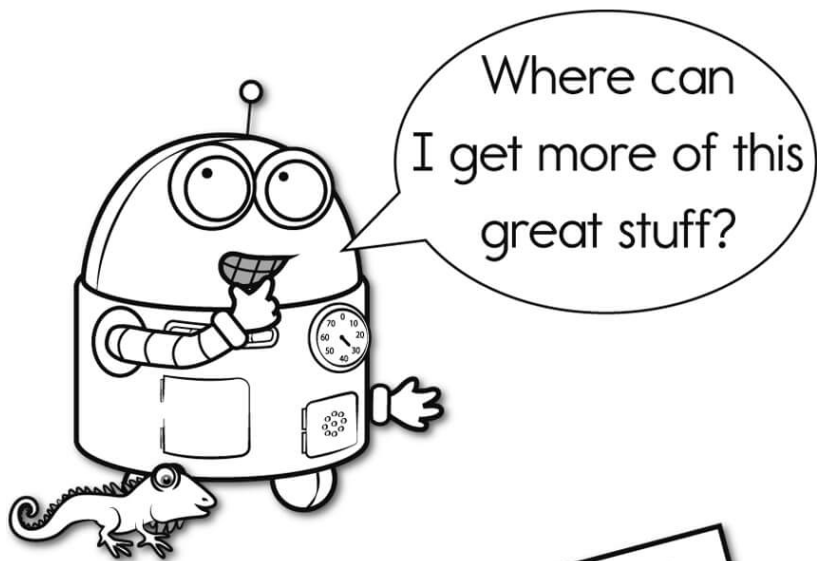The block above is the sum of the two blocks below. Fill in the missing blocks.

363.2

	6.5

5.1	7	14.5	16	2.9	3.6

$15\frac{3}{5}$

$4\frac{3}{4}$

$\frac{6}{10}$		0	$\frac{3}{4}$
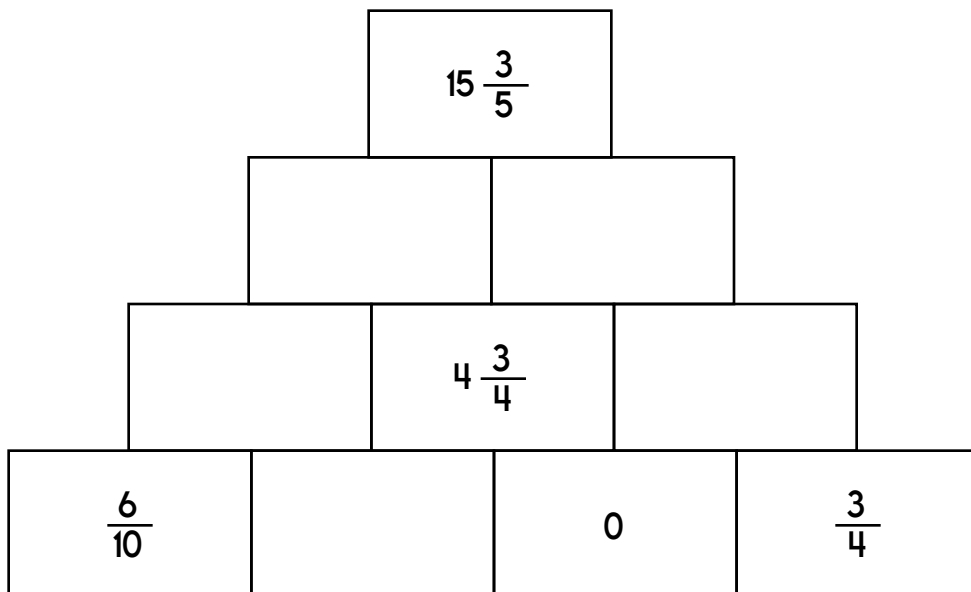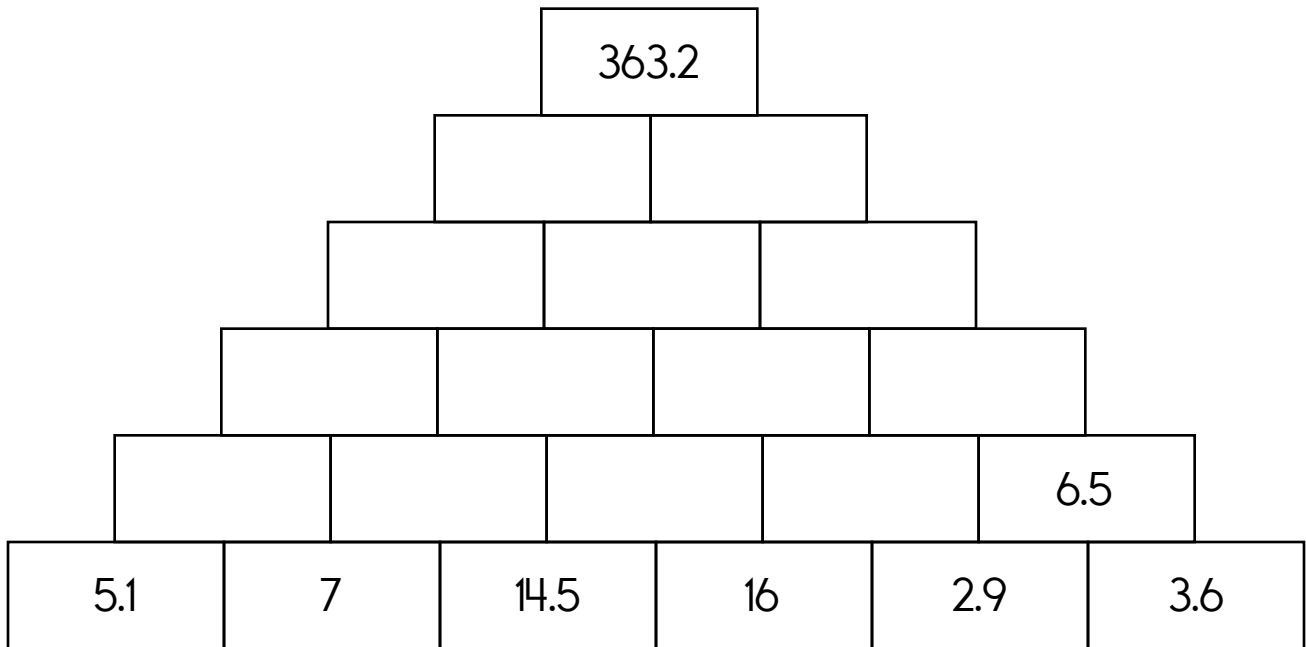
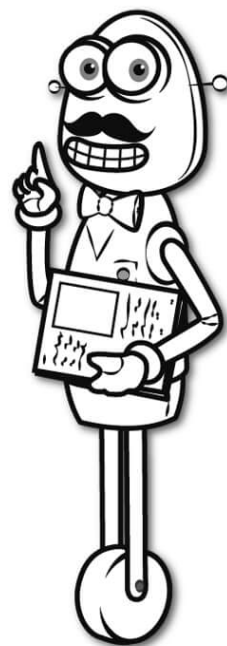| In what quadrant would you find the point (2, -1)?	$|\text{-11}| - z = 19$ z =	(12 + 10 + 4) =