Name: _____

MathWorksheets.com
Week of April 6

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

A
(27) (70)	10
62 33	15
41 39	71
67 (97)	19
+

B
| 72 (66) 15 |
| 80 23 61 |
| 73 55 33 |
| 24 71 51 |
+

C
| 47 (50) 73 |
| 94 42 77 |
| 54 75 67 |
| 90 92 49 |
+

Find an addition fact.   Find an addition fact.   Find an addition fact.

Equations:
Write the equation facts you found.

A	27	+	70	=	97
B		+		=	66
C		+	50	=	

| 2 x 90 ÷ 10 | Estimate quickly the difference. 7,730 - 2,940 | $2\frac{1}{4} + 5\frac{1}{4}$ |

| 12 x 6 + 8 + 11 | A toy car can go 4 mph. How long would it take to go 5 miles? | How many centimeters in 5.8 meters? |

Name: _____

Soils around the world vary in their organic matter content. Organic matter comes from living things or things that used to be alive. For example, in comparing a soil from Nebraska to one from Arizona, it would not be unusual for the Nebraska soil to have a greater amount of organic matter by a factor of 5 to 3. If you had two such samples and the sample from Arizona contained 6 g of organic matter, how many grams of organic matter would there be in Nebraska soil of equal mass? Round your answer to the nearest hundredth.

If it is -13°F in Rantoul and it is 81°F in Honolulu, what is the temperature difference between the two cities?

Mr. Bloop has discovered a new species of cactus in Bolivia. He goes to the location where they are found on the side of a mountain. He sees many specimens of the new species growing there. He collects some data on the color of the flowers produced by this cactus. He finds that twenty-seven of the plants have purple flowers and twelve have white flowers. Now, assuming that the flower color ratio is the same everywhere in Bolivia for this plant, if he goes to another mountain side and collects similar data, what is the probability that the first plant he comes across will have white flowers? Write your answer as a percent rounded to the nearest tenth.

Amanda estimates that two-fifths of a certain type of stone has a mass greater than three-eighths of a gram. If she has 580 of these stones, about how many stones have a mass less than or equal to three-eighths of a gram?
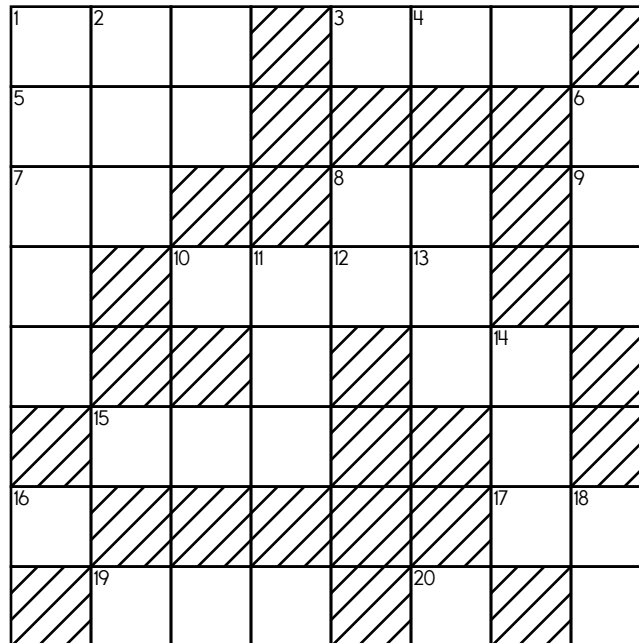
Name: _____

ACROSS

1. Five times 12-Across
3. **Nickels in eight dollars**
5. 14-Down plus 16-Across
6. One-third of 17-Across
7. Three times 17-Across
8. Three more than 13-Down
12. One-seventh of 14-Down
15. Five times 13-Down
16. One-fourth of 13-Down
17. Nine less than 18-Down
19. Three less than 3-Across

DOWN

2. Six more than 3-Across
4. 6 + 6 = 2 x ____
7. 15-Across plus 19-Across
8. Nine more than 12-Across
9. 7 + 18
10. Three less than 17-Across
11. 19-Across plus 12-Across
13. One-fifth of 3-Across
14. Four more than 19-Across
18. 5 + 16
20. One-eighth of 13-Down

A bike originally priced at $110 is marked down by 40%. What is the sale price?

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

$$\begin{array}{r} 2\ 9 \\ +\ 4\ 5 \\ \hline \end{array}$$

Name: _____

Peter decided to run one mile every 4 days. Alex decided to run two miles every 3 days. If they both start on Sunday, May 17, when will they both run on the same day again?

In a bag of Jolly Gems candy-coated chocolate pieces, 21% are red, 18% are blue, 12% are brown, 15% are yellow, and 19% are green. If there are 161 chocolate pieces in a bag, how many of them are yellow?

Emma rode her bike for 15 minutes. She went 2.55 miles. What is her speed in miles per hour?

Robert has a headache. He can't stand long lists. "Can you repeat that again?" he asks. "It's easy. Name a number that is greater than 26, less than 36, is a multiple of 7, and FINALLY is a factor of 56," replies Connor.

Name: _____

$2\overline{)4}$ $\qquad$ $7\overline{)56}$ $\qquad$ $4\overline{)32}$ $\qquad$ $9\overline{)45}$

$2\overline{)8}$ $\qquad$ $12\overline{)48}$ $\qquad$ $2\overline{)24}$ $\qquad$ $12\overline{)144}$

$11\overline{)77}$ $\qquad$ $6\overline{)18}$ $\qquad$ $3\overline{)6}$ $\qquad$ $5\overline{)60}$

MAD MINUTES

$\_\_ \div 2 = 9$ $\qquad$ $12 \div \_\_ = 4$ $\qquad$ $4 \div \_\_ = 2$

$\_\_ \div 5 = 8$ $\qquad$ $63 \div \_\_ = 7$ $\qquad$ $\_\_ \div 3 = 3$

$\_\_ \div 5 = 9$ $\qquad$ $35 \div \_\_ = 5$ $\qquad$ $\_\_ \div 4 = 4$

$\_\_ \div 9 = 6$ $\qquad$ $27 \div \_\_ = 3$ $\qquad$ $10 \div \_\_ = 5$

MAD MINUTES

$378 \div 54 =$ $\qquad$ $470 \div 5 =$

$801 \div 89 =$ $\qquad$ $434 \div 7 =$

$768 \div 96 =$ $\qquad$ $549 \div 9 =$
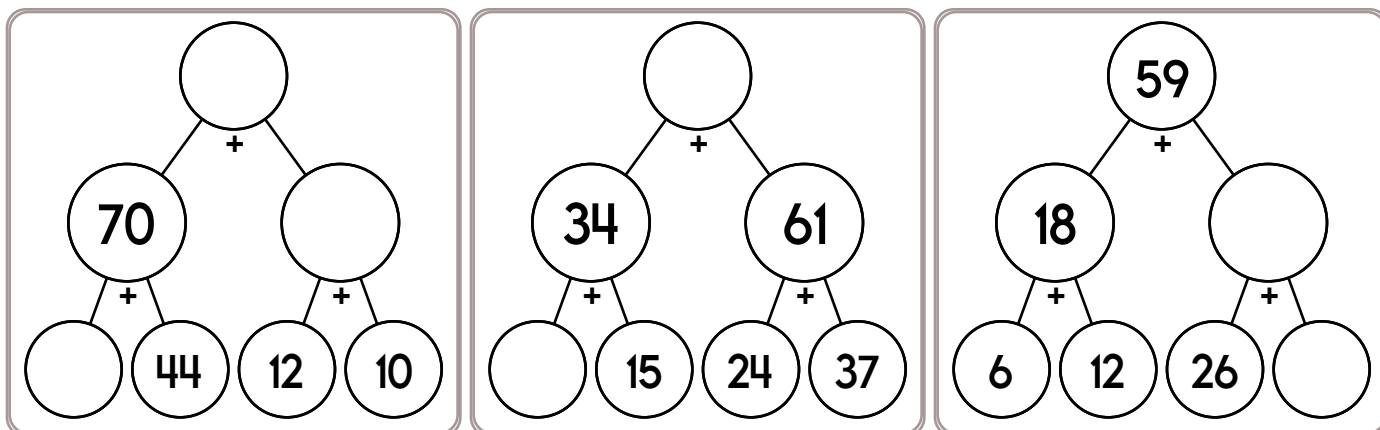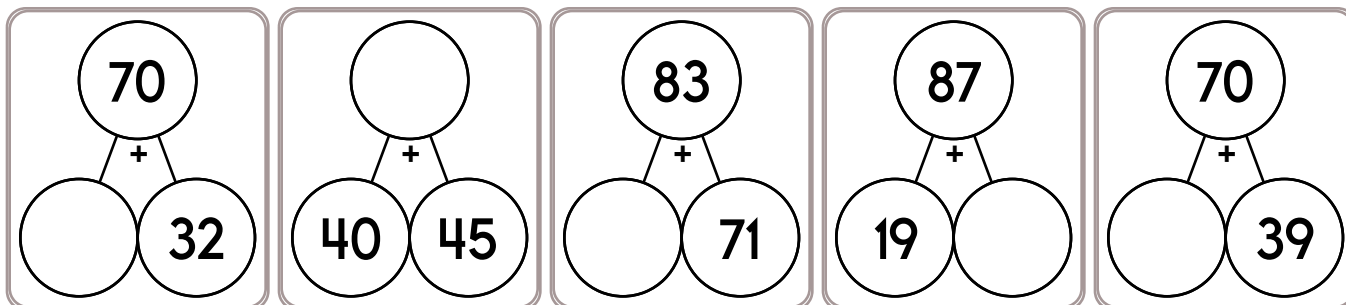
$60 \div 6 =$ $\qquad$ $161 \div 7 =$

Name: _____

Emily Dickinson, one of the most famous poets of the 1800's, wrote 1,700 poems in her lifetime. Her subjects were love, death, nature, and immortality. Only eleven of her poems were published in her lifetime, but after an accurate, complete edition of her poems was printed in 1944, her popularity grew. What percent of Ms. Dickinson's poems were printed in her lifetime?

According to a recent survey, 38 out of 120 people say they have donated time or money to a humanitarian group this year. What percent of people do not say that have donated time or money in this way? Round your answer to the nearest tenth of a percent.

There is 1 prime number greater than 31 but less than 41. Name them.

Justin and Jenna are a team. Justin makes robots, and Jenna 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 Justin only gave Jenna a calculation as the robot is still in production. Justin wanted it to be 4 times the size of Model One, but it turns out the prototype is 5.2 inches shorter than that. How big is the prototype?

Name: _____

70 + ___ = 32 ... (70) + ( ) (32)

( ) + 40 45

83 + ( ) 71

87 + 19 ( )

70 + ( ) 39

( ) + 70 ( ) + ( ) 44 12 10

( ) + 34 61 + ( ) 15 24 37

59 + 18 ( ) + 6 12 26 ( )

---

62 + ( ) 35 + 14 ( ) 12 ( ) + 9 5 ( ) 4 ( ) 7 ( ) 6

( ) + 17 28 + 5 12 ( ) 13 + 3 ( ) 6 6 8 7 ( ) 7

What kind of angle is this?

What kind of angle is this?

word root **vive** can mean **life or live**   **revive**
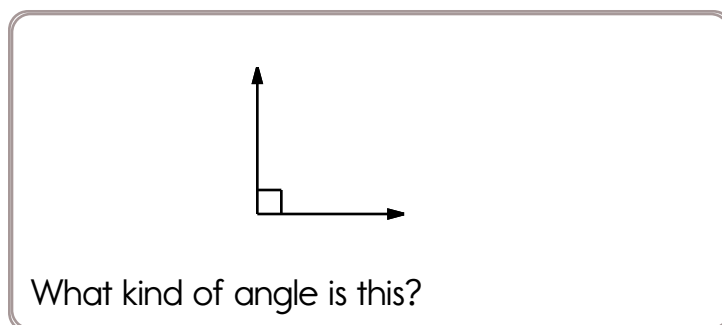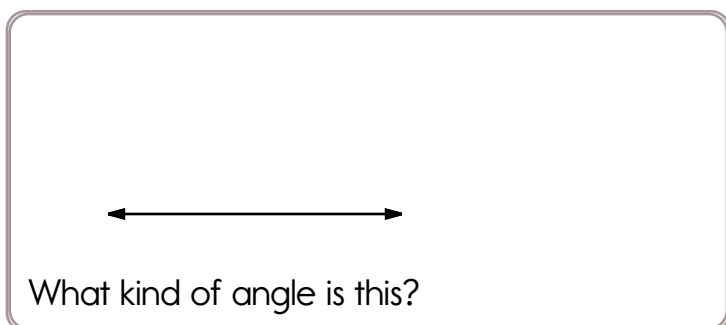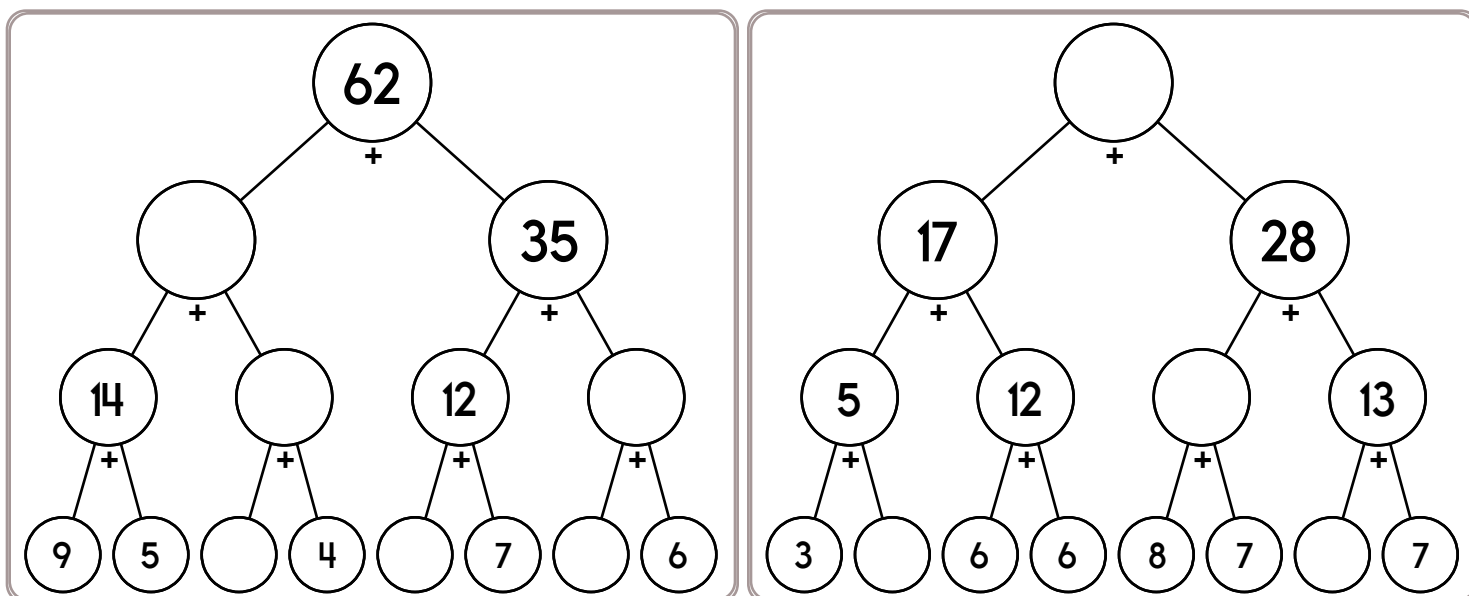
Name: _____

$9 \times 2 =$ $6 \times 8 =$ $2 \times 9 =$

$5 \times 4 =$ $7 \times 9 =$ $4 \times 8 =$

$5 \times 2 =$ $3 \times 2 =$ $9 \times 6 =$

$6 \times 4 =$ $8 \times 4 =$ $7 \times 7 =$

MAD MINUTES

288 / 48 × 6	◯ / 94 × 4	◯ / 47 × 9	◯ / 47 × 9
◯ / 80 × 8	◯ / 16 × 6	◯ / 27 × 8	◯ / 48 × 6

MAD MINUTES
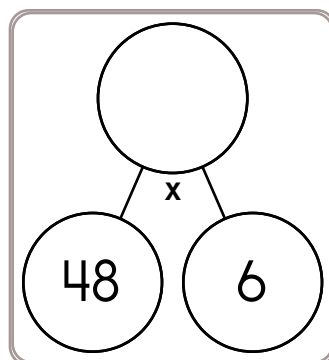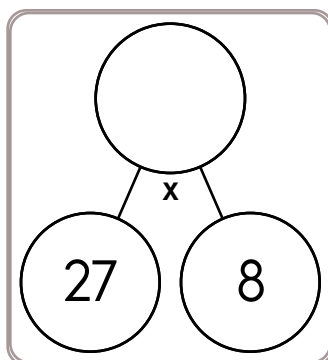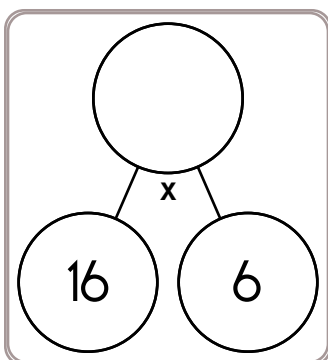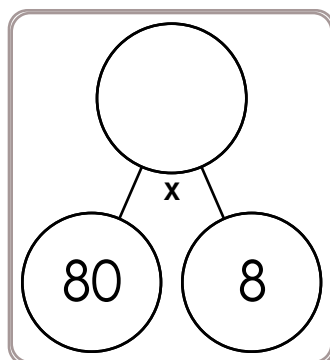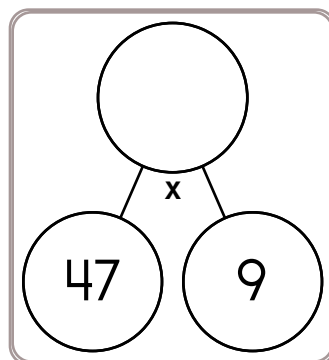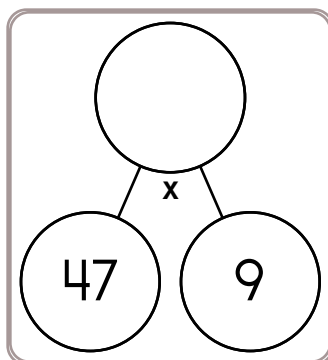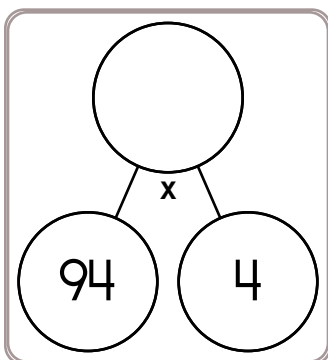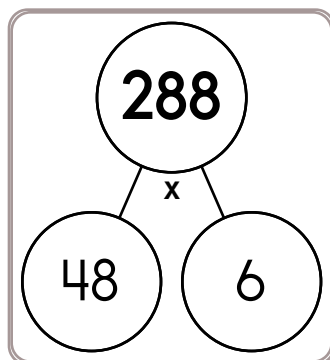
$8 \times \underline{} = 64$ $\underline{} \times 7 = 77$ $10 \times \underline{} = 60$

$\underline{} \times 12 = 72$ $3 \times \underline{} = 21$ $2 \times \underline{} = 20$

$\underline{} \times 2 = 6$ $\underline{} \times 12 = 132$ $\underline{} \times 9 = 63$

$12 \times \underline{} = 144$ $\underline{} \times 11 = 66$ $8 \times \underline{} = 72$

Name: _____

( ) x (21)(18)	(52) + (12)( )	(204) x (12)( )	(420) x ( )(21)	( ) + (33)(14)
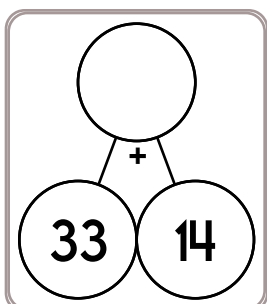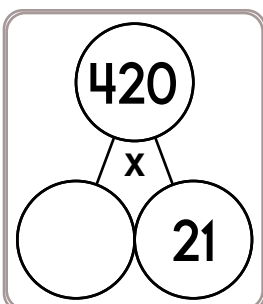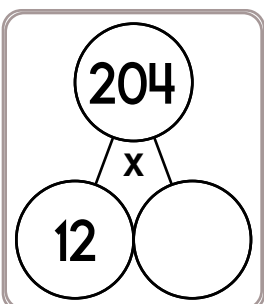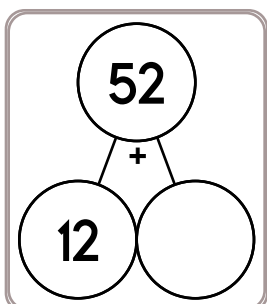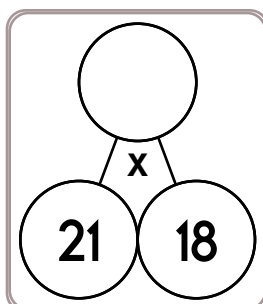
$5 - \dfrac{5}{6} =$

$19 - \dfrac{5}{6} - \dfrac{1}{8} =$

Reduce $\dfrac{18}{63}$ to its lowest terms.

Rewrite $\dfrac{19}{25}$ as a decimal.

$0.2\,(0.7\,(0.2 + 9)) =$

If $4x = 56$, then $x =$

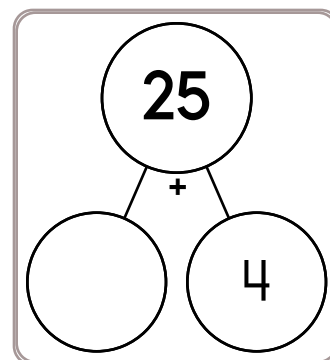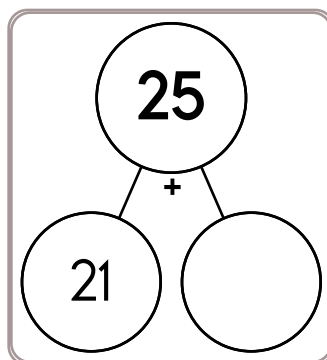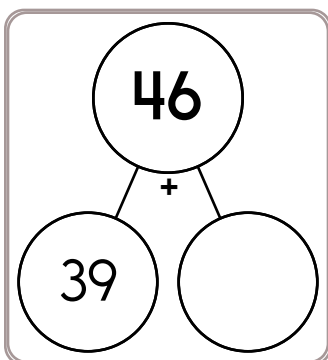---

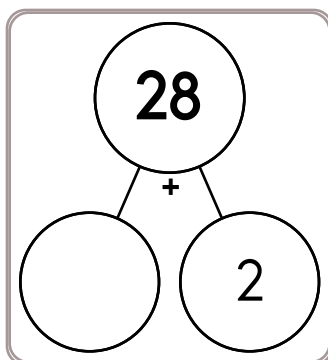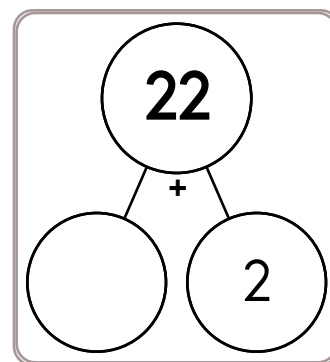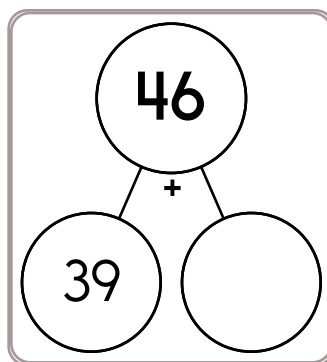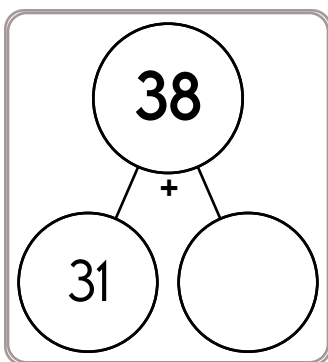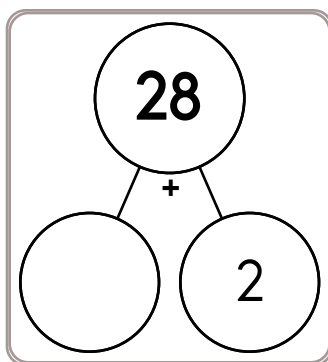$\dfrac{3}{j} + \dfrac{3}{8} = 1\dfrac{1}{8}$

$j =$

Write as an algebraic expression.

618.7 multiplied by the sum of y and m

$\dfrac{22}{27} \div \dfrac{5}{9} =$

Name: _____

28	38	46	22
+	+	+	+
( ) 2	31 ( )	39 ( )	( ) 2

28	46	25	25
+	+	+	+
( ) 2	39 ( )	21 ( )	( ) 4

14 - 7 =	15 - 2 =	17 - 2 =
52 - 5 =	40 - 3 =	41 - 5 =
88 - 9 =	20 - 2 =	52 - 6 =
67 - 8 =	93 - 5 =	83 - 4 =

MAD MINUTES

$4\overline{)12}$ $2\overline{)4}$ $5\overline{)10}$ $2\overline{)10}$

$9\overline{)54}$ $9\overline{)72}$ $8\overline{)16}$ $3\overline{)15}$

Name: _____

| 68 + 39 ◯ | 86 + ◯ 68 | 64 + ◯ 18 | ◯ + 20 21 | 93 + ◯ 58 |
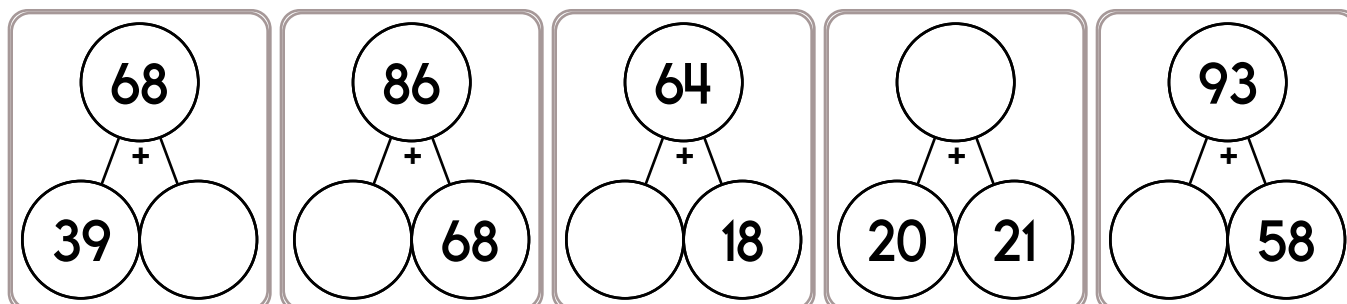
If g = 5 and z = -48 then what is 11g - 8z - 3z = ?

|-8| - s = 14

s =

Rewrite $\frac{14}{25}$ as a decimal.

---

7 - 1 + 7 x 4 – 1

8 + (49 ÷ 7) – 15 ÷ 5 =

0.5 (0.6 (0.5 x 6)) =

What is the mode of the following number set?

60, 53, 48, 49, 44, 40, 55, 39, 59, 58, 47, 45, 42, 54

A circle graph has four sections. Only three sections are labeled. The labels are 34%, 5%, and 5%. What should the missing section be?

Rewrite as an algebraic expression or equation.

Add 17 to the product of s and 9

---

4 x 6 = _____

Name: _____

It has been very rainy in April's hometown this year. It even rained on Splurge Day! April couldn't go to the beach! It has rained 3 inches in the last four days. On Monday it rained $\frac{1}{2}$ inch. On Tuesday it rained $\frac{1}{2}$ inch. On Wednesday it rained $\frac{2}{5}$ inch. How much did it rain on Thursday?

Eric and his family took a vacation in India for two weeks. Eric kept a count of all the tigers he saw. During the entire trip, he saw fourteen tigers. During the first week he saw seven tigers. How many tigers did Eric see during the second week? Write an equation and solve the problem.

6p - 24.2 = 31

p =

If a = 9 and b = 78.6, then
3a + 78.6 - a =

In what quadrant would you find the point (-4, 20)?

Mr. Bloop's computer programming test took all period. There were 40 questions (worth a total of 80 "half-points"—Mr. Bloop gives partial credit). Sarah got 82% of the available points. How many questions did she get correct?

Write an equation for the following word sentence: The number of "Dear Santa" letters written, less 14 letters, is 39 letters.

Amy is packing boxes of medicines into a crate. The crate will be sent to a village in Asia that was devastated by a typhoon. The crate is $4\frac{1}{4}$ ft x $2\frac{7}{8}$ ft x $3\frac{3}{4}$ ft. The boxes are 4 in. x 5 in. x 4 in. How many boxes will fit in the crate?

Name: _____

What is the rule for each pattern?

28, 87, 25, 75, _____, _____, 19, 51, 16, 39, 13, 27, 10

36, 107, _____, 93, 28, 79, 24, 65, 20, 51, 16, 37, 12

Complete each pattern. Write what the rule is. Hint: Look for alternating sequences.

Every third number is the greatest common factor.

7, 17, 1, 14, 29, 1, 21, 41, 1, 28,

53, 1, 35, 65, 5, 42, 77, 7, _____, _____

7, 19, 1, 14, 31, 1, 21, 43, 1, 28,

55, 1, 35, 67, 1, 42, 79, 1, _____, _____

Name: _____

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

S	C		N	T		F		C
	V		H	O	S	E		R
D		D	C	R		L	Y	M
	L	H	L	L		W		P
N	V	B		Y		R		S	R
T		T		C	K		T	
	T	R		S	D		B	T	S
N		R	C	H		R	D	T
D		D		S	C		N	D	N
S	P	R		S		N	C		T

RELY • DEBT • TICKET • BUYER
REPRESENT • INTEND • ORCHARD
SCIENTIFIC • PRESENCE • VELVET
MESA • HOLLOW • DESCEND • HOSE

77 ÷ 11 = _____

3 x 5 =

12 x 3 =

$$\begin{array}{r} 4\ 1 \\ -\ 1\ 5 \\ \hline \end{array}$$

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

_____

Circle the digit in the tenths place.

313.5663

$$\begin{array}{r} 7\ 9\ 2 \\ -\ 5\ 7\ 3 \\ \hline \end{array}$$

14,238 + 37,779 = _____

Write the numbers 50 to 70
on a sheet of paper.
How many of these numbers
are divisible by 5?

_____

72 ÷ 8 =

1 km = 1,000 m

16 km = _____ m

20 cm = _____ mm

Name: _____

```
  2 9 4
+ 2 8 2
```

In the number 7,720,787,382, the digit 0 is in what place?

_____

8 x 2 = _____

Jenna makes a basket for every two attempts that she makes. Jessica needs eight attempts to make a basket. Each basket is worth 2 points. If they each make 64 attempts, then what is the score?

How many grams are in 3 kilograms?

_____ grams

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

_____

Can 408 be evenly divided by 6? Circle:

408 is evenly divisible by 6

408 is NOT evenly divisible by 6

326 - 284 = _____

7 x 12 = _____

Circle the smallest number:

36,901,520,675

314,748

9,832

6,927,850

97,444 + 94,361 = _____

24 ÷ 3 =

8 x 6 = _____

Name: _____

Make a decimal number. Start with a zero and a decimal point. Then use these numbers: 40, 1, 3, 7, and 6. Make three different decimal numbers. Put your theee decimal numbers in order from largest to smallest.

The boys in your class each were given a ticket with a number on it. The numbers given out were: 20, 37, 5, 23, 33, 35, 38, 3, 12, and 11. One ticket will be picked from a hat. What are the chances that the winning ticket number is divisible by 3?

8 x 3 = _____

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

_____

54 ÷ 9 = _____

Can 849 be evenly divided by 4? Circle:

849 is evenly divisible by 4

849 is NOT evenly divisible by 4

25 ÷ 5 = _____

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

nine hundred fifty-three thousand, sixty

_____
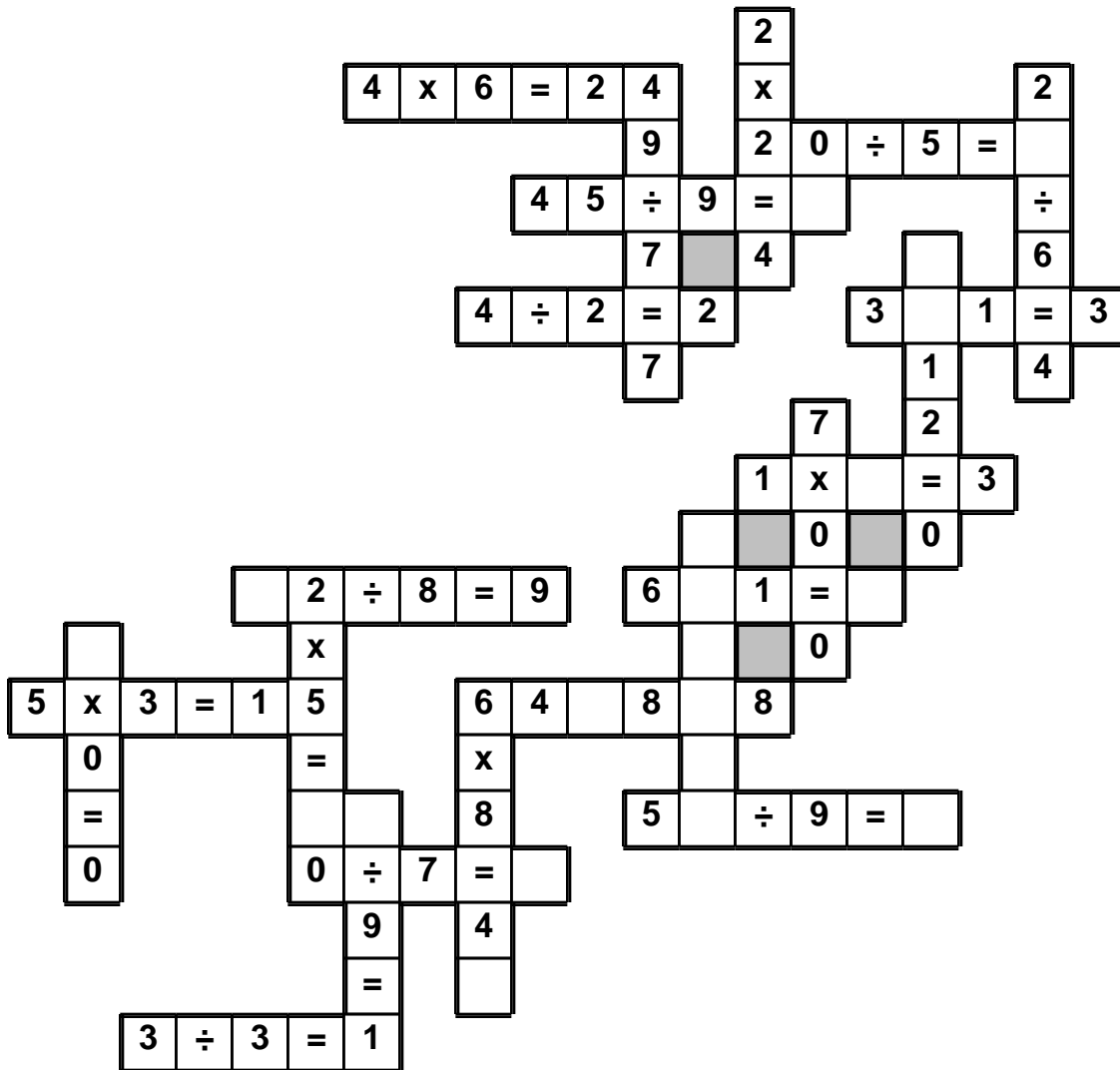
56 ÷ 7 = _____ | 3 x 10 = _____

Hannah told Ava that she multiplied two consecutive whole numbers and the answer is 212. Ava doesn't believe that is possible. She thinks Ava must have multiplied wrong. Who is correct?

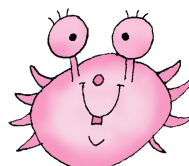word root **vour** can mean **eat**   **devour**

Name: _____

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

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

			2				
4 x 6 = 2 4		x				2	
	9		2 0 ÷ 5 =				
4 5 ÷ 9 =					÷		
7 ▓ 4					6		
4 ÷ 2 = 2		3 1 = 3					
7		1 4					

7
1 x = 3
▓ 0 ▓ 0
2 ÷ 8 = 9   6   1 =
x   ▓ 0
5 x 3 = 1 5   6 4   8 8
0   =   x
=   8   5   ÷ 9 =
0   0 ÷ 7 =
9   4
=
3 ÷ 3 = 1

Amanda is younger than Sara. Holly is
older than Amanda. Who's the oldest?

For 163,203,197, write the digit
that is in the hundred
thousands place.

_____

Name: _____

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

18	12.05	6.1	7.4	4.11	2	17.7

			11.51		

421.15

$\frac{1}{3}$			

		$9\frac{2}{3}$

6	

$19\frac{5}{6}$

46,359 + 15,781 = _____

32 ÷ 4 = _____

5 x 11 =

5,546 - 2,524 = _____

Name: _____

Puzzle:

8	?	⬭	**8**	**8**	41
?	🎃	⬭	🐫	⬭	35
🐫	**8**	⬭	🐫	⬭	34
?	🎃	⬭	⬭	**8**	32
🐫	🐫	⬭	?	**8**	47
60	44	10	47	28	**+**

Work Area:

8			**8**	**8**	41
					35
	8				34
				8	32
				8	47
60	44	10	47	28	**+**

The sum for each column and row is given.

🐫 = ____   ⬭ = ____   🎃 = ____

? = ____

---

7 is what % of 100?

Change to a percent.
0.05

Write the ratio as a fraction in lowest terms.
15 robots to 9 computers

(7 + 3 + 8 + 4) =

Rewrite $\frac{69}{100}$ as a decimal.

If w = -5 and z = 21 then what is 11w - 10z - 4z = ?

Name: _____

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

Example:

5.9 + 22.1 + 4.5 + 0.3 = 32.8

Example:

5.9 + 0.3 + 9.8 + 27.5 = 43.5
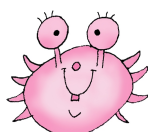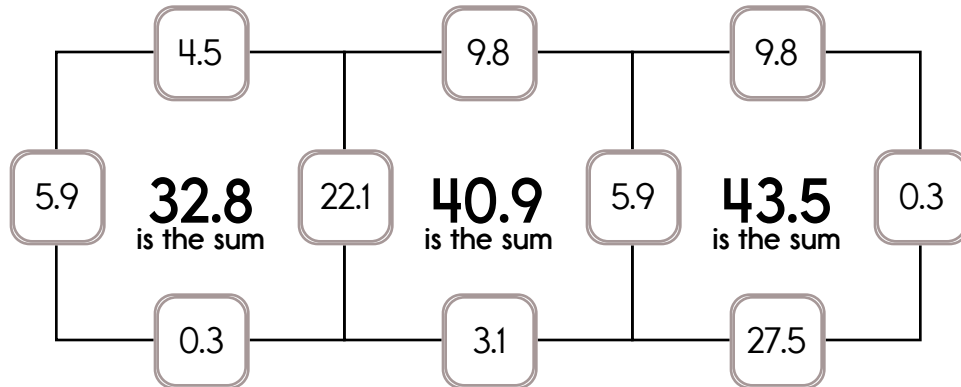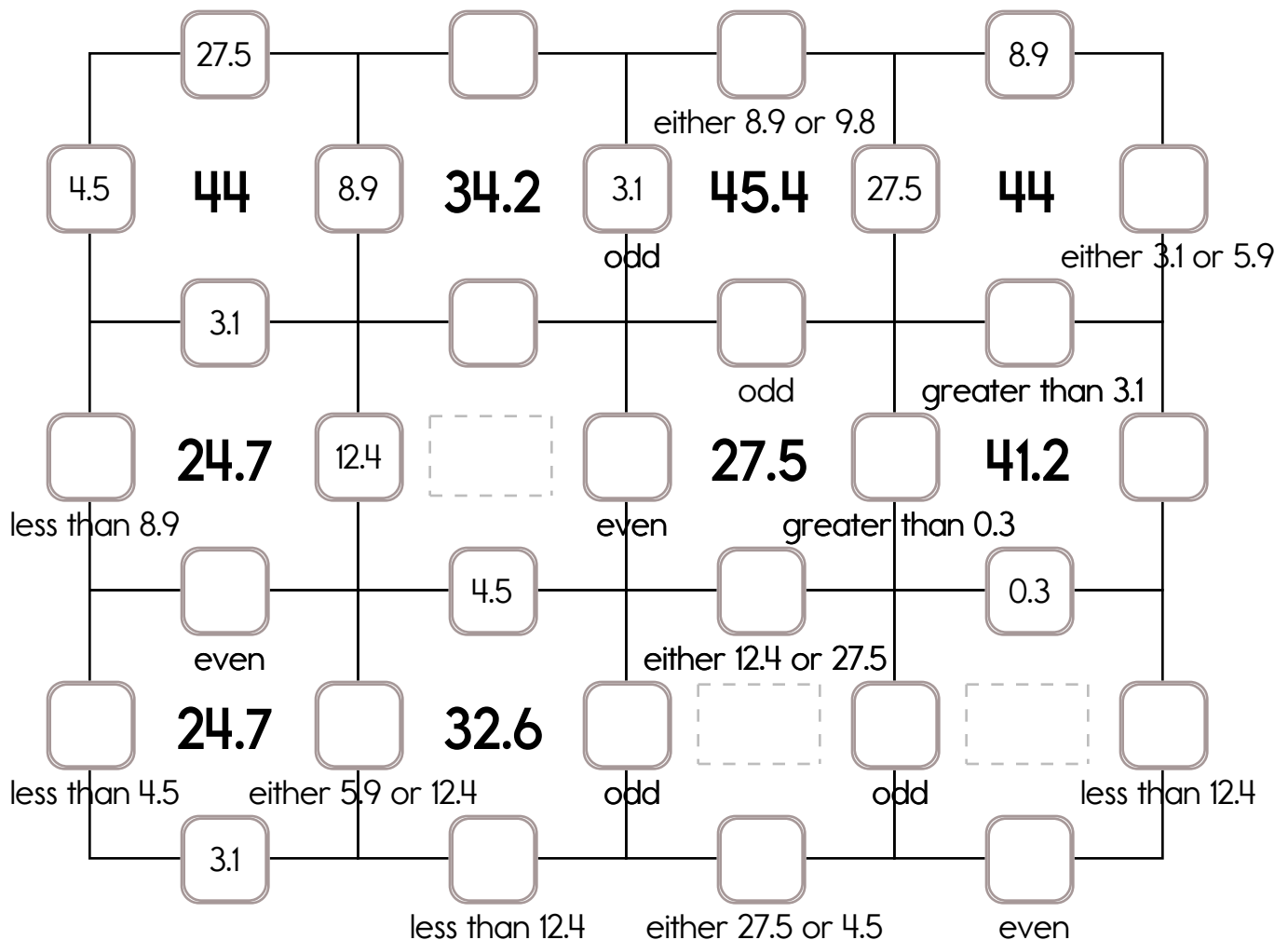
Sample:

	4.5		9.8		9.8	
5.9	**32.8** is the sum	22.1	**40.9** is the sum	5.9	**43.5** is the sum	0.3
	0.3		3.1		27.5	

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: 27.5, 22.1, or 12.4.
The other three numbers have to all be DIFFERENT and must be from these: 0.3, 4.5, 9.8, 5.9, 8.9, or 3.1.

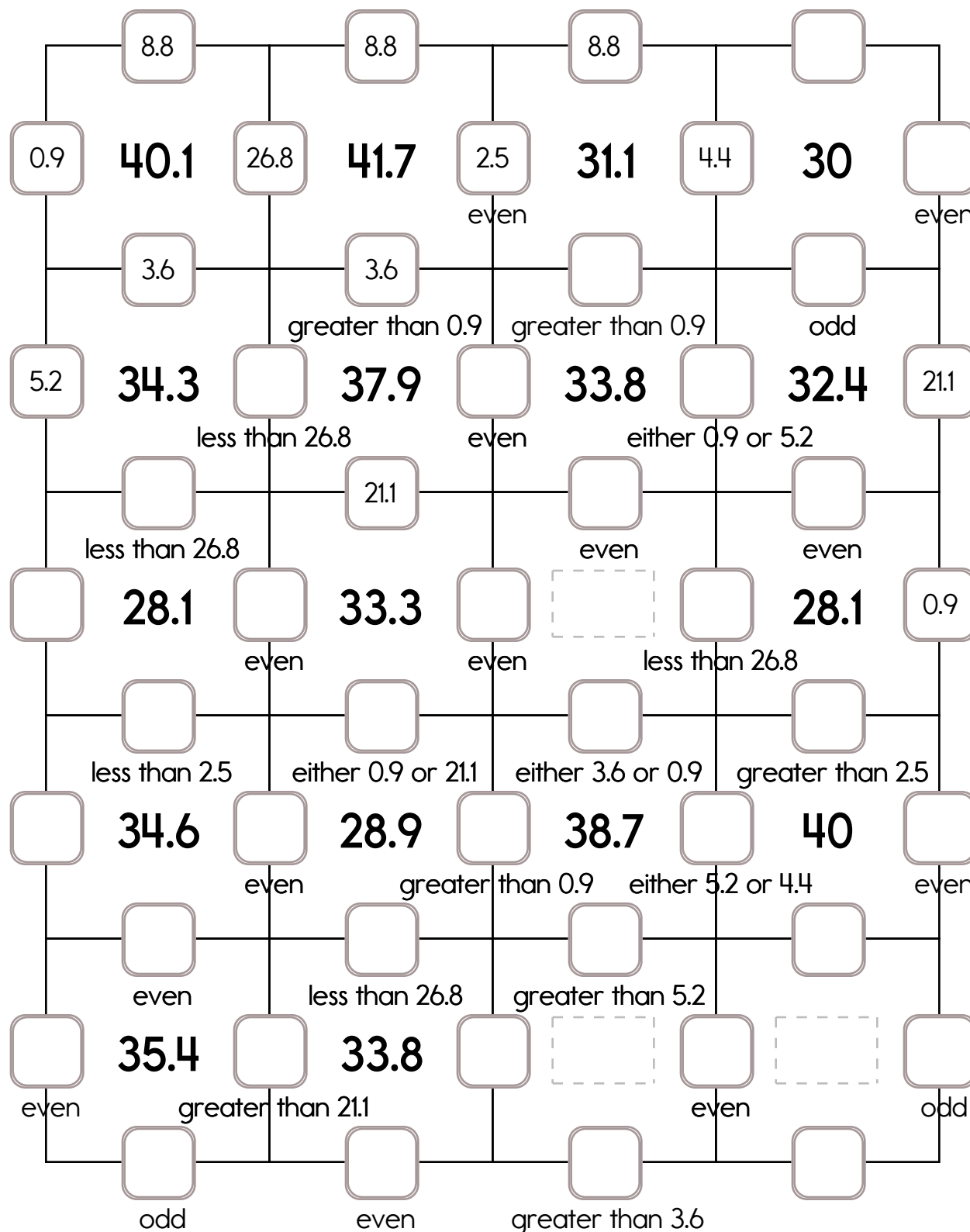|	27.5		☐		☐ either 8.9 or 9.8		8.9	
4.5	**44**	8.9	**34.2**	3.1 odd	**45.4**	27.5	**44**	☐ either 3.1 or 5.9
	3.1		☐		☐ odd		☐ greater than 3.1	
☐ less than 8.9	**24.7**	12.4	☐ (dashed)	☐	**27.5** even	☐ greater than 0.3	**41.2**	☐
	☐ even		4.5		☐ either 12.4 or 27.5		0.3	
☐ less than 4.5	**24.7**	☐ either 5.9 or 12.4	**32.6**	☐ odd	☐ (dashed)	☐ odd	☐ (dashed)	☐ less than 12.4
	3.1		☐ less than 12.4		☐ either 27.5 or 4.5		☐ even	

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: 15.4, 21.1, or 26.8.
The other three numbers have to all be DIFFERENT and must be from these: 0.9, 3.6,
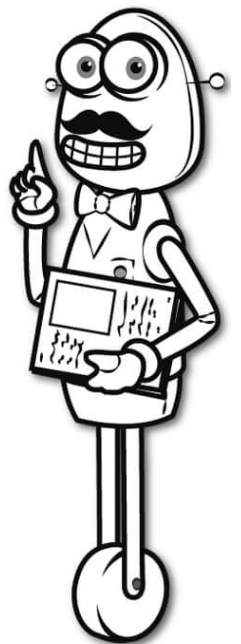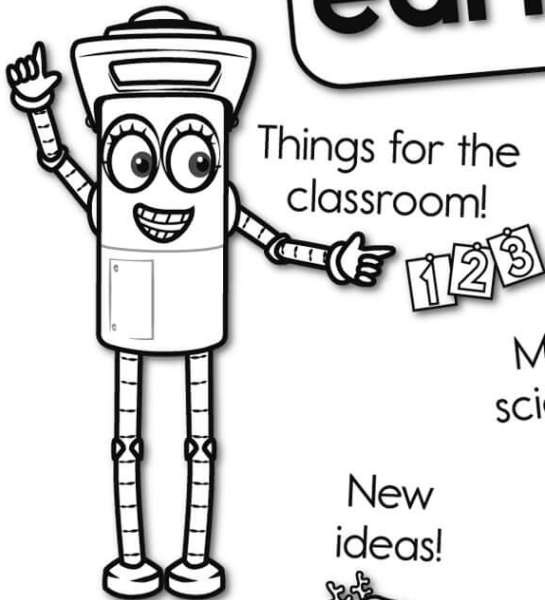**5.2, 8.8, 2.5, or 4.4.**

	8.8		8.8		8.8		
0.9	**40.1**	26.8	**41.7**	2.5	**31.1**	4.4	**30**
	3.6		3.6				
			greater than 0.9	greater than 0.9		odd	even
5.2	**34.3**		**37.9**		**33.8**		**32.4**	21.1
		less than 26.8		even	either 0.9 or 5.2		
			21.1				
	less than 26.8				even	even	
	28.1		**33.3**				**28.1**	0.9
	even	even	less than 26.8				
	less than 2.5	either 0.9 or 21.1	either 3.6 or 0.9	greater than 2.5			
	34.6		**28.9**		**38.7**		**40**	
even	greater than 0.9	either 5.2 or 4.4	even				
even	less than 26.8	greater than 5.2					
	35.4		**33.8**					
even	greater than 21.1	even	odd				
odd	even	greater than 3.6					