

Name: _____

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

Mental Math



= Do it
in your
head!

imagine 9 in your head

add 4

double it

Add the tens digit to the ones digit.
Write the sum.

A

imagine 5 in your head

subtract 3

add 8

double it

add 3

Write the ones digit.

B

imagine 2 in your head

multiply 9

subtract 9

add 3

double it

Write the ones digit.

C

imagine 6 in your head

add 9

add 8

subtract 7

add 5

subtract 9

Write the odd digit in your answer.

D

What is the sum?

A + B + C + D

Wow! Great job! That's the answer, but do you know how to SPELL the number?

_____ e _ e _ n _

1 after 15 _____

1 before 18 _____

3 before 17 _____

8 after 19 _____

4 before 19 _____

6 before 16 _____

4 after 14 _____

8 before 11 _____

5 before 14 _____

Name: _____

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

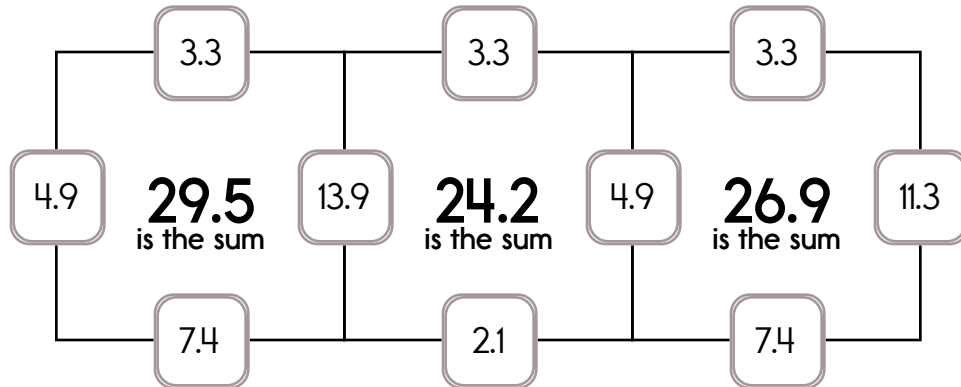
Example:

$$4.9 + 13.9 + 3.3 + 7.4 = 29.5$$

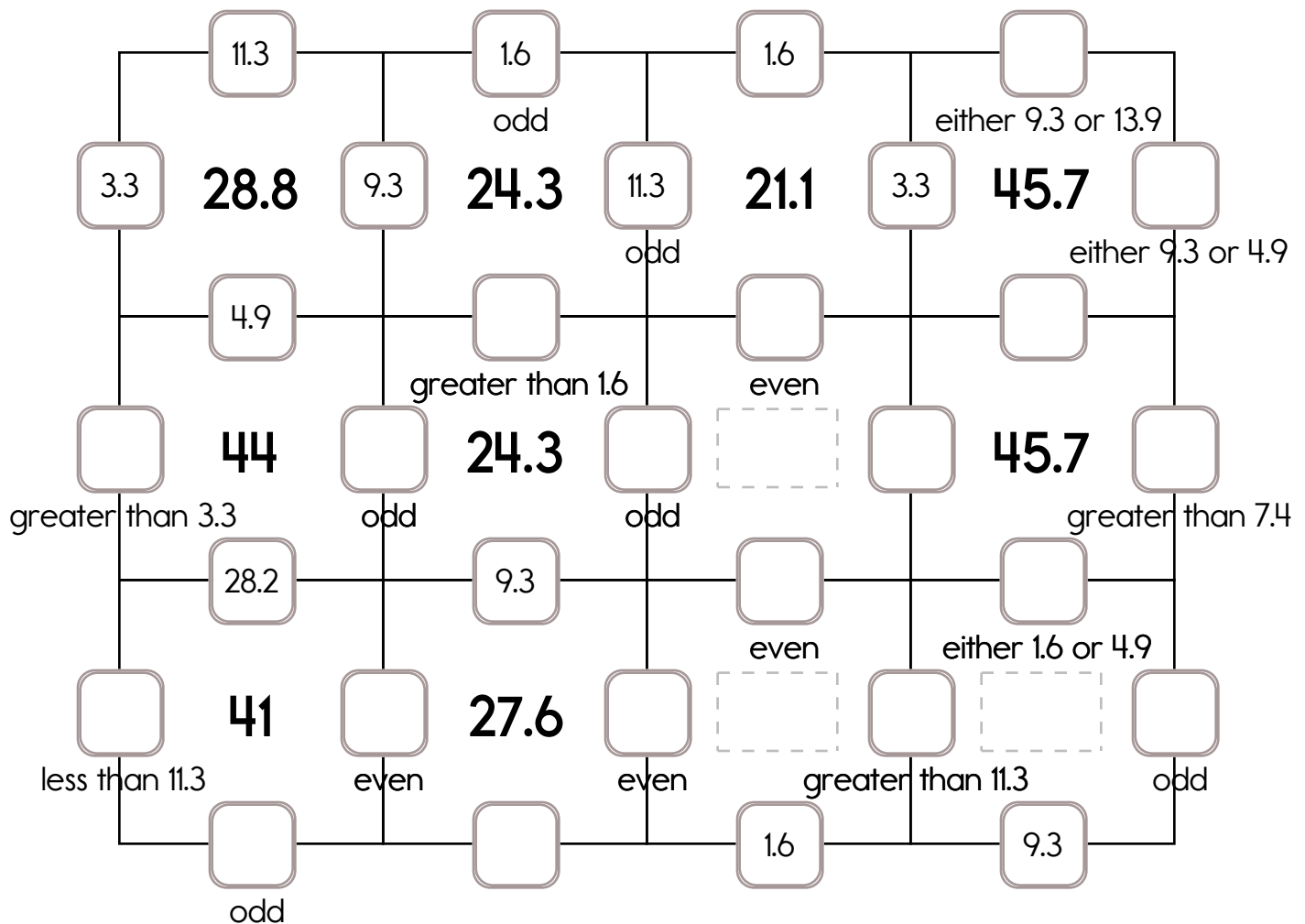
Example:

$$4.9 + 11.3 + 3.3 + 7.4 = 26.9$$

Sample:

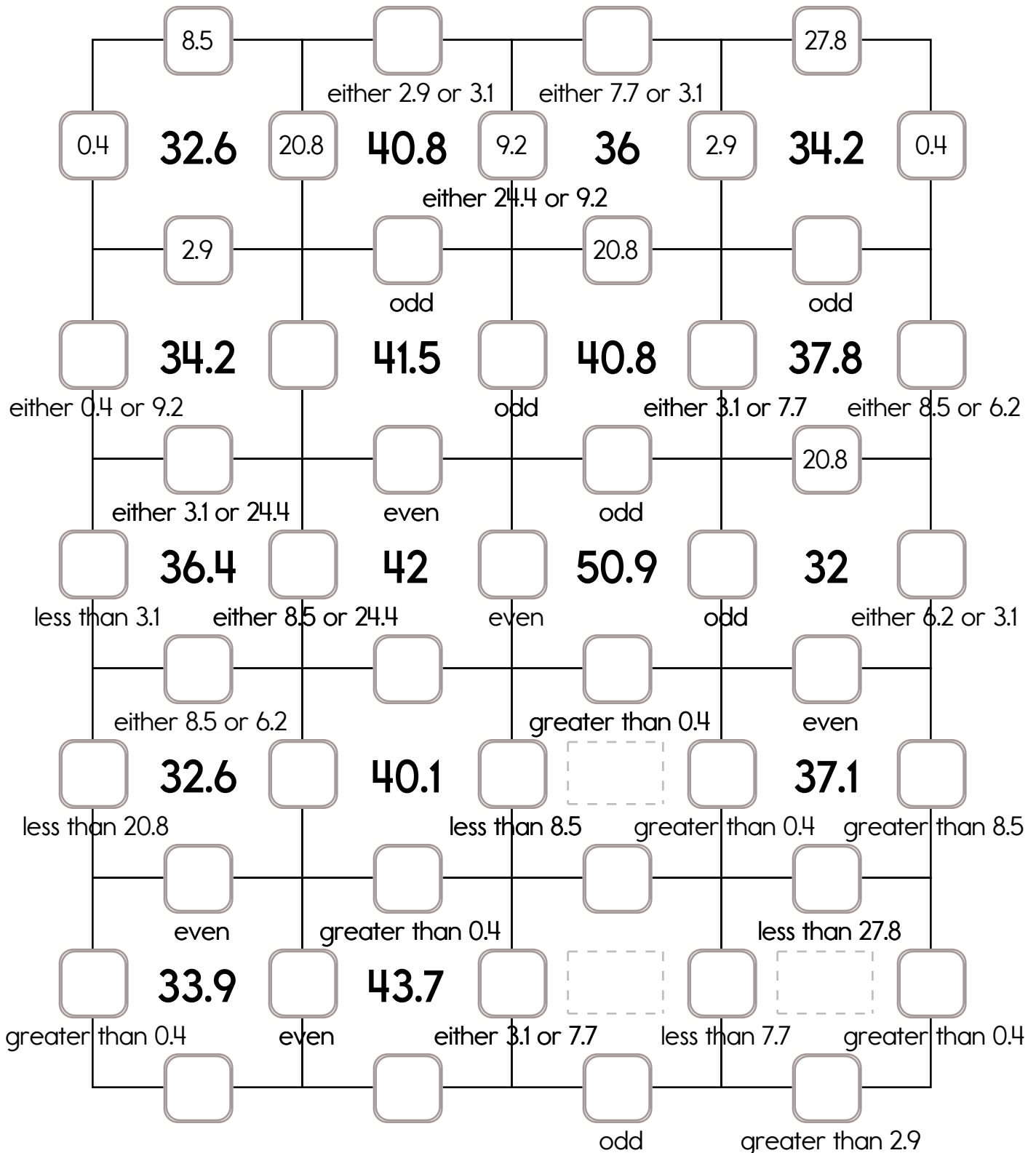


Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 13.9, 11.3, or 28.2. The other three numbers have to all be DIFFERENT and must be from these: 7.4, 2.1, 1.6, 9.3, 4.9, or 3.3.



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: 24.4, 27.8, or 20.8. The other three numbers have to all be DIFFERENT and must be from these: 0.4, 9.2, 7.7, 2.9, 8.5, 6.2, or 3.1.



Name: _____

The height of one of the triangular sides of the Great Pyramid is approximately 481 ft. Its base is 756 ft long. What is the area of one of the sides?

A package of 10 jasmine blossom teabags sells for \$1.82. The weight of the tea in each bag is 1.9 grams. How much does jasmine tea cost per gram?

Which two of these numbers have a product of 3.375?

0.56

0.45

4.5

0.045

0.75

0.075

0.056

7.5

Consistent Claire loves practicing her free throws. She is so consistent. Every game she gets the same percentage of free throws in the hoop. In the last game she played, Claire made 12 of 20 attempted free throws. In today's game, she attempted 15 free throws. If her percentage for this game is the same as her last game, how many of them went in?



Name: _____

Get a fidget spinner! Spin it.

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

$$4 - 1 + 6 + 4 + 4 \times 7 = \underline{\hspace{2cm}}$$

$$7 + 8 + 7 = \underline{\hspace{2cm}}$$

$$(8 \times 9) - 9 + 8 \times 3 \times 9 = \underline{\hspace{2cm}}$$

$$11 \times (9 - 6) = \underline{\hspace{2cm}}$$

$$8 \times 9 - 7 - 9 = \underline{\hspace{2cm}}$$

$$5 \times 11 \times 2 = \underline{\hspace{2cm}}$$

$$8 + 5 \times 1 - 6 = \underline{\hspace{2cm}}$$

$$1 + 12 - 7 = \underline{\hspace{2cm}}$$

$$4 \times 4 \times 7 + 7 \times 6 = \underline{\hspace{2cm}}$$

$$8 \times 12 - 9 = \underline{\hspace{2cm}}$$

$$4 \times 9 + 36 \div 3 \times 5 = \underline{\hspace{2cm}}$$

$$1 \times 1 + 5 = \underline{\hspace{2cm}}$$

$$2 + 6 + 4 + 3 \times 7 - 9 = \underline{\hspace{2cm}}$$

$$2 \times 3 - 4 = \underline{\hspace{2cm}}$$

$$2 + (9 + 2) + 60 \div 10 = \underline{\hspace{2cm}}$$

$$(4 + 5) - 3 = \underline{\hspace{2cm}}$$

$$8 \times 6 + 3 \times 9 - 2 - 4 = \underline{\hspace{2cm}}$$

$$1 + 5 \times 9 = \underline{\hspace{2cm}}$$

$$(9 \times 9 - 3) + 5 = \underline{\hspace{2cm}}$$

$$9 + (12 + 4) = \underline{\hspace{2cm}}$$

$$3 \times 2 + (33 \div 11) = \underline{\hspace{2cm}}$$

$$6 \times (11 - 5) = \underline{\hspace{2cm}}$$

$$9 - 6 + 6 \times 2 = \underline{\hspace{2cm}}$$

$$10 + 10 \times 4 = \underline{\hspace{2cm}}$$

$$7 + 3 \times 2 - 5 - 5 - 3 = \underline{\hspace{2cm}}$$

$$2 \times 6 - 2 = \underline{\hspace{2cm}}$$

$$2 + 56 \div 7 - 7 + 88 \div 8 \times 5 = \underline{\hspace{2cm}}$$

$$3 + 5 - 8 = \underline{\hspace{2cm}}$$

$$2 + 10 \div 5 \times 7 \times 5 \times 5 - 4 = \underline{\hspace{2cm}}$$

$$(10 + 4) - 7 = \underline{\hspace{2cm}}$$

$$8 \times (4 + 3) \times 5 = \underline{\hspace{2cm}}$$

$$12 + 8 + 8 - 3 = \underline{\hspace{2cm}}$$

Name: _____

What time is 13 hours after 5:00 a.m. _____	Maria rolls a die. What is the chance of her rolling a 6? _____	$24 \div 4 =$ _____
--	--	---------------------

$\begin{array}{r} 313 \\ - 243 \\ \hline \end{array}$	Circle the digit in the hundredths place. 966.65	28 kg = _____ g
---	---	-----------------

27,792 - 15,251 = _____	Justin took three numbers greater than 1 and multiplied them. One number was four and the other number was sixteen. Of course, he forgot the last number, but he remembered the product was 131. Is this possible?
779 - 152 = _____	
1 cm = 10 mm 6 cm = _____ mm	

$\begin{array}{r} 20 \\ + 42 \\ \hline \end{array}$	Circle the greatest number: 4,190,682,375 423,019,788 856,127,940,356 62,901	Which is the better buy? Four bags of candy for \$16 or seven bags of candy for \$49?
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$9 \times 8 =$ _____	$132 \div 12 =$ _____	$(7 + 4) + 7 =$ _____
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How many millimeters are in 5 centimeters? _____ millimeters	Write an equation to represent this: The difference between fourteen and four is ten. _____
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Name: _____

$88 \div 11 = \underline{\hspace{2cm}}$ $7 \times 7 = \underline{\hspace{2cm}}$	$\begin{array}{r} 419 \\ + 484 \\ \hline \end{array}$	<p>Rose likes to change numbers into a secret letter form. Rose changed the number 23,374 to FFFFF. Rose changed the number 5,224 to FFFF. Rose changed the number 56 to FF. Rose changed the number 252 to FFF. How do you think she would change the number 286,256?</p> <p>_____</p>	$\begin{array}{r} 38 \\ - 18 \\ \hline \end{array}$
--	---	---	---

<p>Erin makes a basket for every four attempts that she makes. Wendy needs three attempts to make a basket. Each basket is worth 2 points. If they each make 24 attempts, then what is the score?</p>	$18 \div 3 = \underline{\hspace{2cm}}$	$6 \times 8 = \underline{\hspace{2cm}}$
	<p>_____</p>	

<p>Six-eighths of the children in Thompson's class want to go outside. If Thompson agrees with the majority, will the class stay inside or go outside?</p>	<p>Write the missing family fact.</p> <p> $159 - 92 = 67$ $159 - 67 = 92$ $92 + 67 = 159$ </p> <p>_____</p>
	<p>_____</p>

$6,347 - 3,949 = \underline{\hspace{2cm}}$	<p>Circle the smallest number:</p> <p> 59,287,053 74,981,264,972 906,253 748,163,401 </p>
--	--

Name: _____

$11 \times 9 =$ _____	What number is halfway between 15 and 32?	$110 \div 11 =$ _____
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The letters E and X each have a line of symmetry. Name another letter between E and X that has a line of symmetry. _____	$12 \times 5 =$	$8 \div 2 =$ _____

$11 \times 2 =$ _____	The equation $13 + 36 - 18 = 31$ uses three different numbers and two different equations. Make up your own equation which also has three different numbers and two different equations. The answer to your equation needs to be 32.
$48 \div 6 =$	

$12 \times 3 =$ _____	Write the numbers 35 to 65 on a sheet of paper. How many of these numbers are divisible by 4? _____	$7 \times 12 =$ _____
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You cannot decide what pizza store to go to. Amy's pizza cuts their pizza into 7 slices. Each slice costs \$3 each. Sarah's pizza cuts their pizza into 4 slices. Each slice costs \$5 each. If you like each pizza the same, which pizza store has the better buy?	<p>Here is a pattern of letters:</p> <p>A K B A A K B A A K ...</p> <p>What letter will be the 24th term in the pattern?</p>
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Name: _____

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

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

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

What Words? Your Words!

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Once you use a letter, cross it off on the bottom. You cannot use the same letter more than once.

Make a Word

Sum

1 2 4 8
E N T R Y

7

1 2 4 8 12 18
L

A B C D ~~E~~ F G H I J K ~~L~~ M
~~N~~ O P Q ~~R~~ S ~~T~~ U V W X ~~Y~~ Z

Make a Word

Sum

1 2 4 6 8 14 20
O

1 2 6
T R

A B C D E F G H I J K L M
~~N~~ ~~O~~ P Q ~~R~~ S ~~T~~ U V W X Y Z

Name: _____

ACROSS

1 $43 - 4$

a. answer: 3 9

$60 + 4 + 2$

b. answer: 6 6

Full 1 across answer:

3 9 6 6
a a b b

7 Round 9357.5 to the nearest whole number.

a. answer: _____

Halve 370.

b. answer: _____

Full 7 across answer:

a a a a b b b

8 $71 - 7$

a. answer: _____

7×7

b. answer: _____

Full 8 across answer:

a a b b

9 Triple 29.

10 $51, 60, 69, 78, ___$

a. answer: _____

$93 \div 3$

b. answer: _____

Full 10 across answer:

a a b b

11 Write the numeral eight hundred sixty-five.

12 $32, 35, 38, 41, ___$

1	2	3	4		5			6	
7									
8							9		
10							11		
							12		
13									
		14							

13 $26, 28, 30, 32, 34, ___$

14 $80 + 8 + 6$

5 Round 3863.4 to the nearest whole number.

a. answer: _____

Halve 642.

b. answer: _____

Full 5 down answer:

a a a a b b b

6 $925 - 8$

a. answer: _____

Write the numeral six thousand, four hundred forty-three.

b. answer: _____

Full 6 down answer:

a a a b b b b

9 Double 442.

DOWN

1 Write the numeral three thousand, nine hundred sixty-eight.

2 Write the numeral nine thousand, three hundred forty-seven.

3 $6549 - 6$

4 $272 \div 4$

a. answer: _____

71, 76, 81, 86, _____

b. answer: _____

Full 4 down answer:

a a b b

Name: _____

A printer can print 30 pages in 3 minutes.
How many pages can the printer print in one minute?

How many pages can the printer print in one hour?

Erin is playing the Zeepers app where she needs to fly her spaceship to different planets. Her spaceship uses Zinko fuel and can travel 5,292,000 miles on 7 cups of Zinko. If her spaceship currently has 14 cups of Zinko, what is the maximum distance it can fly before running out of fuel?

A car's engine can go 4,900 rpm or revolutions per minute. The rpm measures how many times the engine's crankshaft makes one full rotation in one minute. If the car runs continuously at 4,900 rpm, how many minutes will it take for the engine's crankshaft to make 29,400 full rotations?

A robot went a distance of 2,955 meters in 2 hours. What was its speed?

Name: _____

$$18 \overline{) 432}$$

$$24 \overline{) 768}$$

$$14 \overline{) 140}$$

$$11 \overline{) 154}$$

$$20 \overline{) 360}$$

$$15 \overline{) 600}$$

$$18 \overline{) 720}$$

$$32 \overline{) 64}$$

$$29 + n = 45$$

What is the value of n?

$$5 \div \frac{1}{6}$$

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

How many minutes is it from 7:00 a.m. to 10:30 a.m.?

$$3\frac{4}{7} + 8\frac{6}{7}$$

A rectangle is 35 cm on one side and 11 cm on another side. What is the perimeter?

48, 56, 64, 72, 80, 88,
_____, 104

$$\begin{array}{l} \frac{1}{2}, \frac{3}{4}, 1, 1\frac{1}{4}, \\ \text{_____, } 1\frac{3}{4}, 2, 2\frac{1}{4}, \\ 2\frac{1}{2}, 2\frac{3}{4}, 3, 3\frac{1}{4}, \\ 3\frac{1}{2}, 3\frac{3}{4}, 4, 4\frac{1}{4}, \\ 4\frac{1}{2}, 4\frac{3}{4} \end{array}$$

$$\begin{array}{l} 3\frac{3}{5}, 3\frac{2}{5}, 3\frac{1}{5}, 3, \\ 2\frac{4}{5}, \text{_____, } 2\frac{2}{5}, \\ 2\frac{1}{5}, 2, 1\frac{4}{5}, 1\frac{3}{5}, 1\frac{2}{5}, \\ 1\frac{1}{5}, 1, \frac{4}{5}, \frac{3}{5}, \frac{2}{5} \end{array}$$

Name: _____

Cross off the number that does NOT belong.

21, 28, 36, 45, 55, 66, 71, 78, 91, 105, 120, 136, 153, 171, 190

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

(7,812,500), (1,562,500), (312,500), (111,931),

(62,500), (12,500), (2,500), (500),

(100), (20)

Why does _____ not belong in the pattern?

Name: _____

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

Dark lines surround a block. Numbers to use in a block:

A block with 1 space has to be the number 1.

A block with 2 spaces must have the numbers 1 and 2.

A block with 3 spaces must have the numbers 1, 2, and 3.

A block with 4 spaces must have the numbers 1, 2, 3, and 4.

3	1	2	1	3	4	2	1
2	4			2	1	3	4
3	1			3	4	2	1

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

2 1 3 4

1	4	2	3	2	3	2
2			4	1	4	1
1			3	2	3	2
2	3	1	4	1	4	1

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

3 1 2 4

1		2	4	2	3	
2	4		3			2
	3	2		2	3	1
2		1	3	1	4	

Hint - These numbers are missing:

1 3 4 4 4 2 1 1 1

2	3		3	1		1
1		1		2		2
			3	1	4	
1	4	1	4		3	2

Hint - These numbers are missing:

3 4 2 1 3 2 2 4 2 4

8 x 12 = _____

Name: _____

Fill in the missing numbers.

1					2
4		1	3	1	3
1		4	2	4	2
4		1	3		3

Hint - These numbers are missing:

2 4 2 3
4 3 1 2

3		4	2	4	
4				3	1
	1	4		4	2
4			1	3	

Hint - These numbers are missing:

1 2 3 1 1
2 2 3 2 3

			4		3	
1	4	1	3		4	1
	3	2	4		3	
1		1		2		1

Hint - These numbers are missing:

3 2 2 2 2 2
4 1 1 4 2 3

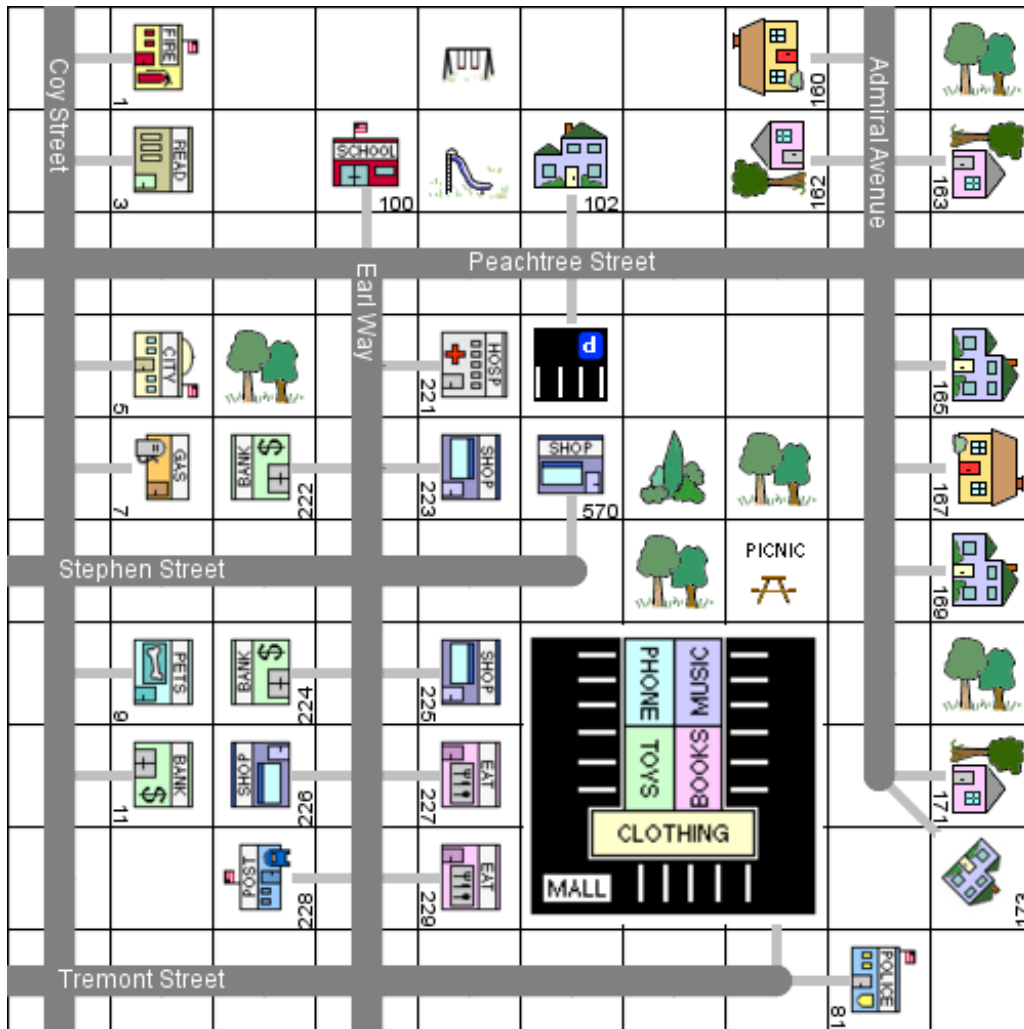
1	3					1
		2	3	1	3	
1	3	1	4		4	1
2				1		

Hint - These numbers are missing:

1 2 2 4 3 2 4
2 3 2 4 2 4

In the number 3,073,908,313, the digit 7 is in what place?

$21 \div 7 = \underline{\hspace{2cm}}$



Which street has a city hall?

Which street has a post office?

Name: _____

Does the "au" in each word have the aw or o sound? Circle the sound that "au" makes.

saucepan **aw** o

daub aw o

audience aw **o**

causeway aw o

assaulting aw o

authorize aw o

augmented aw o

caused aw o

Does the "oi" in each word have the oi or ohih sound? Circle the sound that "oi" makes.

avoids **oi** ohih

disappoints oi ohih

undergoing oi **ohih**

torpedoing oi ohih

point oi ohih

echoing oi ohih

pinpoints oi ohih

coincides oi ohih

asteroid oi ohih

moist oi ohih

coincidence oi ohih

vetoing oi ohih

Does the "bu" in each word have the bu, buh, or byoo sound? Circle the sound that "bu" makes.

busing bu **buh** byoo

ambulance bu buh **byoo**

bunched bu buh byoo

distribution bu buh byoo

bulldozer **bu** buh byoo

butchers bu buh byoo

bundles bu buh byoo

bunting bu buh byoo

Does the "ew" in each word have the yoo or oo sound? Circle the sound that "ew" makes.

pew **yoo** oo

blew yoo **oo**

newest yoo oo

spews yoo oo

Name: _____

There are five objects (a purple object, a white object, a red object, a blue object, and a violet object). Each object has a different mass (33 g, 47 g, 15 g, 84 g, and 18 g) and a different volume (20 cubic cm, 36 cubic cm, 30 cubic cm, 44 cubic cm, and 24 cubic cm).

Density = Mass / Volume

Figure out the mass, volume, and density of each object.

1. One object has a volume of 24 cubic cm and a density of 1.375 grams per cubic cm.
2. The density of water is 1.0 grams per cubic cm. If the blue object was placed in water, it would sink.
3. The red object has a density of 1.068 grams per cubic cm and a volume of 44 cubic cm.
4. The white object has a density of 0.75 grams per cubic cm and a mass of 15 g.
5. One object has a volume of 36 cubic cm and a density of 0.5 grams per cubic cm.
6. The purple object has a greater mass than the white object.
7. The density of aluminum is 2.7 grams per cubic cm. The violet object is more dense than aluminum.
8. The volume of the purple object is not 30 cubic cm and it is also not 20 cubic cm.
9. The density of water is 1.0 grams per cubic cm. If the white object was placed in water, it would float.
10. The volume of the blue object is not 30 cubic cm.
11. The violet object has a greater mass than the blue object.
12. The purple object has a mass of 18 g and a density of 0.5 grams per cubic cm.

purple object has a mass of _____, a volume of _____, and a density of _____.

white object has a mass of _____, a volume of _____, and a density of _____.

red object has a mass of _____, a volume of _____, and a density of _____.

blue object has a mass of _____, a volume of _____, and a density of _____.

violet object has a mass of _____, a volume of _____, and a density of _____.

Name: _____

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

If

$$1, 8 = 9$$

$$2, 13 = 15$$

$$3, 16 = 19$$

$$4, 20 = 24$$

Then

$$5, 22 = ?$$

If

$$5, 9 = 14$$

$$6, 13 = 19$$

$$7, 18 = 25$$

$$8, 21 = 29$$

Then

$$9, 26 = ?$$

What is the rule for each pattern?

21, 115, 36, 101, 51, 87, 66, _____, 81, 59, 96, 45, 111, 31

34, 136, 30, 120, 26, 104, 22, 88, 18, 72, 14, 56, 10, _____

4, _____, _____, 46, 10, 58, 13, 70, 16, 82, 19, 94, 22

Name: _____

Cross off the number that does NOT belong.

7.4, 10.9, 5.2, 23.5, 39.6, 68.3, 131.4,
239.3, 439, 530, 809.7, 1488, 2736.7, 5034.4

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

$11\frac{2}{3}$, 12, $13\frac{2}{4}$, $13\frac{5}{6}$, $15\frac{1}{3}$, $15\frac{2}{3}$, $17\frac{1}{6}$, $17\frac{1}{4}$,
 $17\frac{2}{4}$, 19, $19\frac{1}{3}$, $20\frac{5}{6}$, $21\frac{1}{6}$, $22\frac{2}{3}$, 23

Why does _____ not belong in the pattern?

Name: _____

Sudoku Sums of 8

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 8.

Here is an example of a sudoku sum of 8:

3	5
---	---

						7	2	
		6				4		
1		4					8	9
7				1				
					7			3
6		9	3					2
2				6	5		3	
	4			3			6	
9			7				1	5

Change to a percent.
9.5

Find 1% of 78.

$$\frac{6}{12} = \frac{?}{2}$$

Name: _____

Each row, column, and box must have the numbers 1 through 9.

		7	5					
3					1			
1		5	6	7		4	9	
	3	4		9			1	
	7				3		4	
6			1	8	4		7	
4		8	3				5	
2							3	
	1	3			5	2		

$$\begin{array}{r} \frac{5}{11} \\ \frac{3}{11} \\ + \frac{5}{11} \\ \hline \end{array}$$

Find 8% of 245.

66 is what percent of 165?

Name: _____

Cross off the number that does NOT belong. Hint: Look for alternating sequences. Every third number is the greatest common factor.

14, 16, 2, 21, 20, 1, 17, 28, 24, 4, 35,
28, 7, 42, 32, 2, 49, 36, 1, 56, 40

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

5, 30, 39, 234, 238, 243

Why does _____ not belong in the pattern?

Name: _____

Nicholas, Taylor, Jason, Jasmine, Brandon, and Destiny each recycled a different number of cans (19, 25, 17, 15, 16, and 29), as well as a different number of junk mail letters (105, 117, 107, 121, 135, and 113).

Figure out how many cans and junk mail letters each person recycled.

1. Destiny recycled more than sixteen cans.
2. If the number of cans Jasmine recycled was doubled, she would have recycled thirty cans.
3. Jason and Destiny recycled a total of two hundred seventy-eight cans and junk mail letters.
4. Nicholas and Taylor recycled a total of two hundred ninety-eight cans and junk mail letters.
5. Jason recycled more than twenty-three cans.
6. Jasmine recycled the least number of cans.
7. Brandon recycled eighty-nine more junk mail letters than the number of cans he recycled.
8. Destiny recycled a total of one hundred thirty-six cans and junk mail letters.
9. Taylor recycled a total of one hundred forty-six cans and junk mail letters.
10. Taylor recycled ninety-six more junk mail letters than the number of cans she recycled.
11. Jason recycled less than one hundred twenty-eight junk mail letters.
12. Brandon recycled the least number of junk mail letters.

Nicholas recycled _____ cans and _____ junk mail letters.

Taylor recycled _____ cans and _____ junk mail letters.

Jason recycled _____ cans and _____ junk mail letters.

Jasmine recycled _____ cans and _____ junk mail letters.

Brandon recycled _____ cans and _____ junk mail letters.

Destiny recycled _____ cans and _____ junk mail letters.

Name: _____

Jacob, Christopher, and Julia are competing in the Olympics. They are each from a different country (Nigeria, Switzerland, and Canada), and they are also each competing in a different event (ski jumping, snowboarding, and biathlon).

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 three people. For example, if Jacob has lunch with someone he met from another country, then assume that this person is among one of the three people).

1. Jacob had lunch with someone he met. The person he met is competing in the biathlon event.
2. Though Julia has never been to Switzerland, she would like to visit.
3. The person competing in the biathlon event is from Europe. This is his second time to represent his country at the games.
4. The person competing in the snowboarding event is from Africa. This is his third time to represent his country at the games.
5. The person from Switzerland and his friend invited the person from Nigeria to dinner. The person from Nigeria thought it was a great idea, and he gladly accepted.

$$\begin{array}{r} 891,428 \\ - \quad 5,652 \\ \hline \end{array}$$

Change 15% to a decimal.



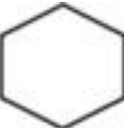






Reduce $\frac{36}{68}$ to its lowest terms.

Name: _____

Each row, column, and box must have the numbers 1 through 6. The first box is done.

3	2	5			
4	6	1			
	4		3	2	
					2
1	5	2			4

Each row, column, and box must have 6 different pictures.

Name: _____

Sudoku Sums of 13

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 13.

Here is an example of a sudoku sum of 13:

8	5
---	---

3		5		6	4	1		
	9		8	3				6
8			1			4		
						8		
	3					9		4
6	4	9					3	2
			6	9		2		
5						6	8	
				5			1	

Change 0.57 to a percent.

Reduce $\frac{4}{20}$ to its lowest terms.

Write the decimal number for:
thirty-five thousandths

Name: _____

Each row, column, and box must have the numbers 1 through 9.

1						7		
		3	7		5			
		5						
		4	8	7	6			3
3			2	5			7	8
8					1		9	5
			6		8		4	
		6			7	3		9
			4					6

$$\begin{array}{r}
 758.654 \\
 747.3 \\
 214.7 \\
 + 3.83 \\
 \hline
 \end{array}$$

$$819 + 41 + 802 + 454 =$$

Change to decimals.

$$13\% = \underline{\hspace{2cm}}$$

$$94\% = \underline{\hspace{2cm}}$$

$$7\% = \underline{\hspace{2cm}}$$

$$90\% = \underline{\hspace{2cm}}$$

Name: _____

tangible • difficulty • coupon • message • theaters • monographs

Each row, column, and box must have all the words from the word list. Write in the missing words.

	theaters	tangible		coupon	
				monographs	
			coupon	theaters	
		coupon	tangible		
tangible			message		
	difficulty				

Write all the factors for the number 44.

What is the least common multiple of 12 and 2?

Is the greatest common factor of 10 and 8 smaller, equal to, or greater than the least common multiple of 10 and 8?

A toy car can go 4 mph. How long would it take to go 10 miles?

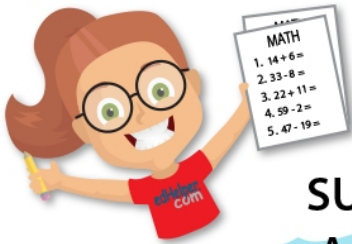
$$10 \times 6 + 2 \times 9$$

The perimeter of a rectangle is 24 cm. The longer side is 8 cm. How long is the shorter side?

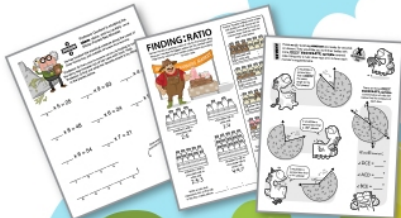
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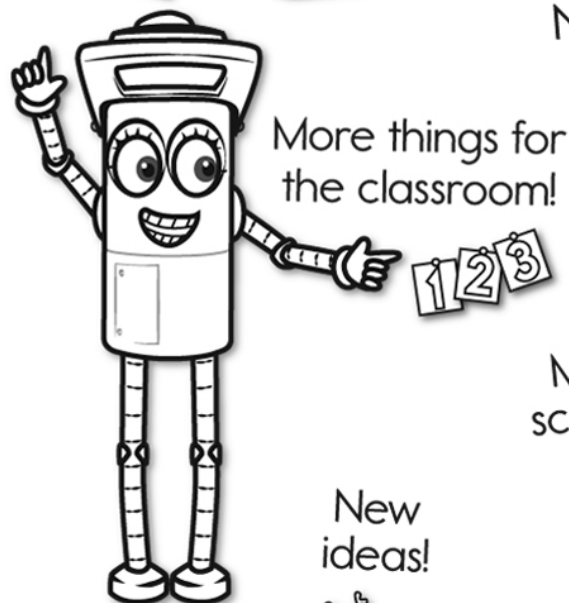
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