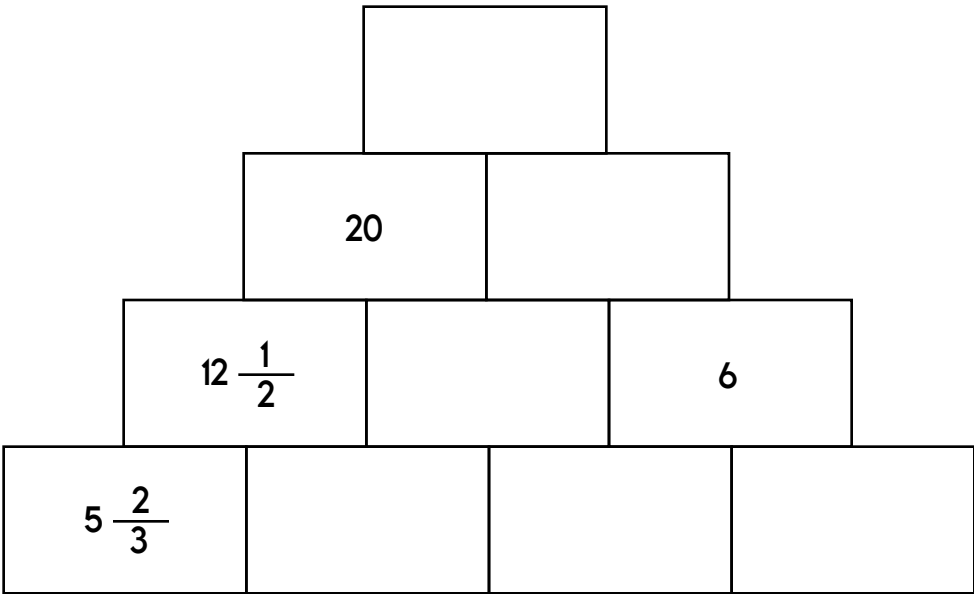
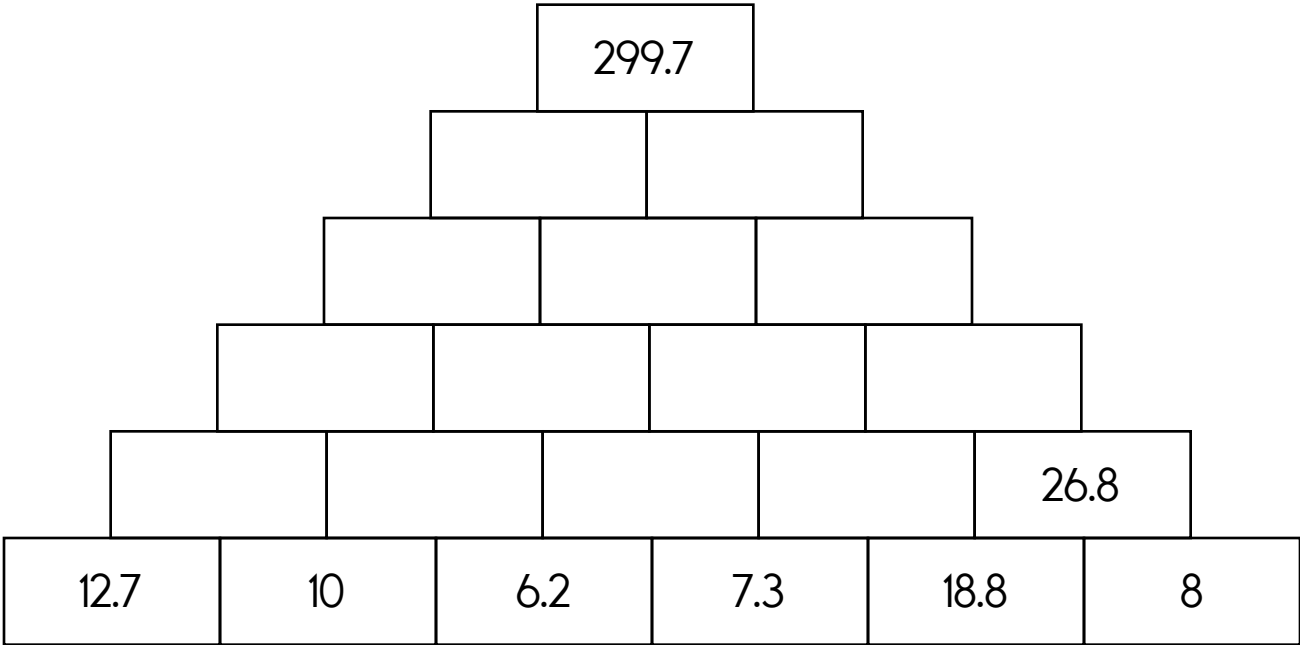


Name: _____

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



11 x 12 =	Six kids and three adults are going to the circus. Kid's tickets are on sale for only half the price of adult tickets. The total cost is \$60. How much is one kids ticket? How much is one adult ticket?	$\begin{array}{r} 767 \\ - 238 \\ \hline \end{array}$
$\begin{array}{r} 415 \\ + 237 \\ \hline \end{array}$		

Name: _____

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

A

94	98	71
24	29	36
75	76	63
32	1	21

Find an addition fact.

B

81	16	59
17	52	53
14	63	88
64	20	26

Find an addition fact.

C

30	99	65
62	45	8
83	59	58
56	18	23

Find an addition fact.

Equations:
Write the equation facts you found.

A	1	+	75	=	76
B		+		=	81
C	65	+		=	

A 7 cm x 7 cm x 7 cube was made by Max. He used centimeter blocks. How many blocks did he use?

$$\begin{array}{r} 37 \\ - 13 \\ \hline \end{array}$$

$90 \div 9 =$

$$\begin{array}{r} 34 \\ + 39 \\ \hline \end{array}$$

Name: _____

Complete each pattern. Write what the rule is. Hint: Look at movement of digits!

35993, 93359, 59933, _____, 99335, 35993, 93359,
59933, 33599, 99335, 35993, 93359, 59933, 33599

59627, 27596, 96275, 75962, 62759, _____, _____,
96275, 75962, 62759, _____, _____, 96275, 75962

Complete each pattern, using the same rule. Write what the rule is.

7, 77, 84, 924, 931, 10241, 10248, _____, _____

5, 55, 62, 682, 689, 7579, _____, _____, _____

3, _____, _____, _____, 447

Name: _____

<p>Connor found 30 seashells. He put them in a bag and pulled out 3 pink shells out of 12 pulls. Predict the number of pink shells he will pull in 15 more pulls.</p>	<p>Nathan has an appointment with his doctor at 2:00 p.m. He has to get a physical so he can play football. It is 12:31 p.m. now and it will take him 46 minutes to get to the doctor's office. How long can he play a video game before he has to leave to get to the appointment on time?</p>	<p>Max did not do his math. He is in the doghouse now. Tonight he did 20 math problems. Ten of them were for today. Ten of them were for yesterday. He started on them at 5:32 p.m. He finished at 7:13 p.m. How long did it take Max to do the math?</p>
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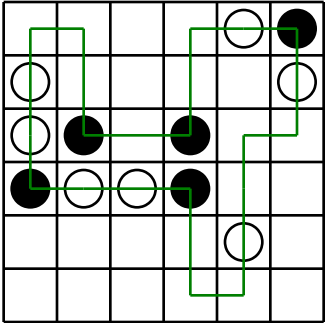
<p>25 lb = _____ oz</p>	<p>Write the missing family fact.</p> <p>48 + 96 = 144 144 - 48 = 96 144 - 96 = 48</p> <p>_____</p>
-------------------------	---

<p>Write this as a number in standard form. Use a comma in your number.</p> <p>nine hundred forty-six thousand nine hundred eight</p> <p>_____</p>	<p>Max invented a robotic bug. The bug can crawl five centimeters in twenty-two seconds. How long would it take the bug to crawl thirty centimeters?</p>
<p>Circle the word that is a synonym for the word <u>furious</u>.</p> <p>peaceful, mild, angry, gentle</p>	
<p>Circle the answer that best completes the sentence.</p> <p>When playing baseball, work on not only your hitting, (but also/and) your fielding.</p>	<p>1 km = 1,000 m</p> <p>28 km = _____ m</p>

Name: _____

<p>In the number 6,922,683, the digit 9 is in what place?</p> <p>_____</p>	<p>How many inches are in 5 feet?</p> <p>_____ inches</p>	
<p>$48 \div 4 =$</p>	<p>Amanda multiplied two one-digit numbers and then added 189. The result was 192. Holly does not believe her and thinks Amanda made a mistake. Who is correct?</p>	<p>Mrs. Smith went to work for the shirt factory on May 23, 1885. She earned sixteen cents per hour. If she worked twelve hours per day, how much money would she earn in a week (six days)?</p>
<p>Can 352 be evenly divided by 4? Circle: 352 is evenly divisible by 4 352 is NOT evenly divisible by 4</p>	<p>What time is 15 hours after 4:00 a.m.?</p> <p>_____</p>	
	<p>$7 \times 8 =$</p>	
<p>Jenna wants to call Sarah. Sarah is on vacation in Asia. It is a time difference of nine hours. Sarah's time is always later than Jenna's time. If it is 1:31 P.M. where Jenna lives, then what time is it where Sarah is?</p> <p>_____</p>	<p>Can 993 be evenly divided by 12? Circle: 993 is evenly divisible by 12 993 is NOT evenly divisible by 12</p>	

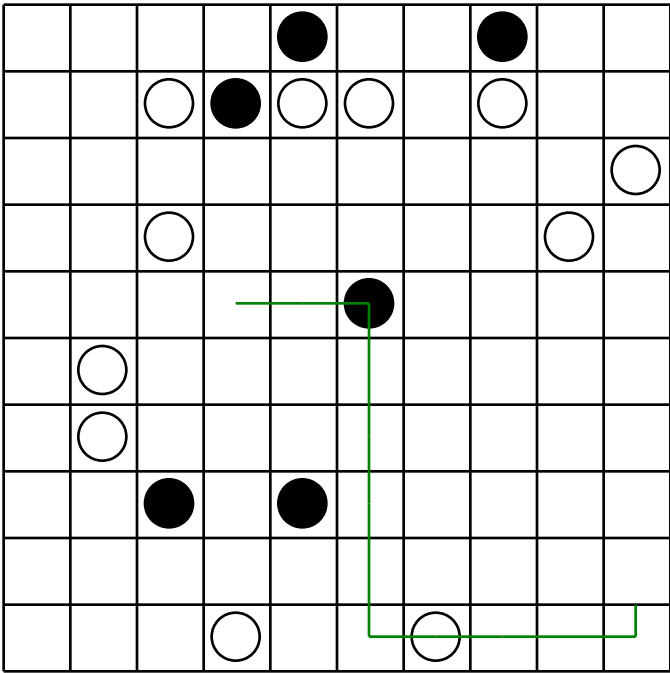
Name: _____



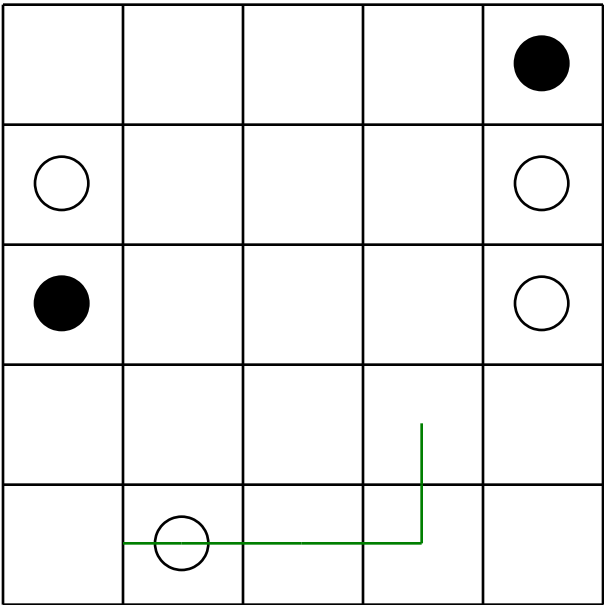
Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

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

Finish the line:



Finish the line:



How far do you think it is from the ground to your chin? Write an estimate of the distance you think it could be.

$6 \times 8 =$

Circle the smallest number:

36,208
456,803,217
951,749
36,408,217

Cross out all of the prepositional phrases in the sentence.
In school, in Spain, I ate oranges in the rain.

Underline the cause in the sentence.
Greg forgot his lunch, so he was starving at dinnertime.

Name: _____

1 • 3 • 6 • + • 0 • = • 6 • + • 0 • 4 • 8 • 1 • 4 • 1 • 2 • = • 1 • 1
6 • =

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

9 - 2 = 0 -

4 - 2 = 9 -

5
6 = 3
= 1 =

9
-
3
=
7 + 8 = 5
-

0
+ 4 = 4
5
+
0
+ 3 6
6
5

0
+ 3 6
6
5

2 2 - 9 + 7

How many digits are in the number of days in the current month?

Which has the largest answer?

373 ÷ 40 371 ÷ 40 366 ÷ 40

Name: _____

Figure out how many gold medals Switzerland, China, Italy, Japan, the Netherlands, and Finland received.

1. If Japan won four more gold medals, they would have won the same number of gold medals as China.
2. The six countries won a total of forty-four gold medals.
3. Italy won five more gold medals than one-half the number of gold medals won by Switzerland.
4. Japan has four fewer gold medals than China.
5. Italy won three times as many gold medals as the Netherlands.
6. If Finland had won two more than two times the number of gold medals, they would have won twenty-one more gold medals than Italy.

Can 429 be evenly divided by 11? Circle:
429 is evenly divisible by 11
429 is NOT evenly divisible by 11

Circle the digit in the hundredths place.
29.242

Write a letter that has a line of symmetry.

Circle the greatest number:
13,509,035,874 78,246
1,483,967 962,102

Name: _____

Mental Math

— #1 —



Start with the number 5.

5

Add the number of dimes in a dollar.

7 5 3 1 4 1 5 4 8 9 (Circle your answer to double check you are correct.)

Add the digits in your number. The sum of that is your new number.

9 7 8 1 7 2 6 7 4 8

Add a half dozen.

6 1 2 5 9 4 5 2 1 5

Add the number of cups in 2 quarts.

9 5 6 2 0 9 2 6 4 8

Divide by 4.

1 7 5 8 4 1 2 0 3 5

Add the number of pennies in a dollar.

1 5 4 1 1 0 5 6 7 2

Add one-third of a dozen.

1 0 9 2 3 1 1 5 7 4

Add the number of quarters in a dollar.

4 9 3 1 1 3 6 3 8 9

Round to the nearest ten.

7 7 4 3 1 1 0 8 9 6

Add the digits in your number. The sum of that is your new number.

7 6 2 4 3 4 2 6 6 8

Name: _____

In the Move Your Points App, Amy started with a lot of points. Then she gave Mary $\frac{1}{3}$ of her points. Amy ended with a total of 46 points. How many points did Amy start with?

Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

7 **1** **8** **8** **0**

Make a subtraction equation. The difference between your numbers should be 3.

____ - ____ = 3

Write the least possible 5-digit number using only 2 different numbers.

14, 16, 18, 20, 22,
____, 26, 28

How many total legs are on 13 dogs?

Name: _____

Match each pattern to its rule.

÷ 7.4

8.4, 63, 472.5, 3,543.75

7.5, 54, 388.8, 2,799.36

639.1462, 83.006, 10.78, 1.4

÷ 7.7

x 7.2

÷ 7.1

2,025, 270, 36, 4.8

3,444.404, 465.46, 62.9, 8.5

x 7.5

÷ 7.5

930.5686, 131.066, 18.46, 2.6

$$6y = 54$$

$$9n = 54$$

$$\frac{N}{10} = 12$$

Estimate quickly the difference.
5,300 - 1,840

(4,782,969) , (531,441) ,
(59,049) , (6,561) ,
(729) , _____ , (9) , (1)
, $\frac{1}{9}$

The radius of a circle is 383 cm. What is the diameter of this circle?

It was 7 degrees below zero in the morning. By afternoon the temperature rose 21 degrees. How warm was it?

How many centimeters in 530.3 meters?

Round 6,605 to the nearest thousand.

Name: _____

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

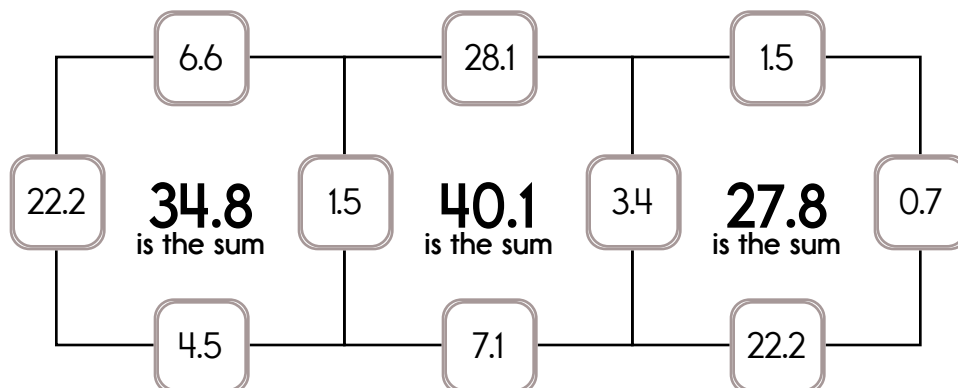
Example:

$$22.2 + 1.5 + 6.6 + 4.5 = 34.8$$

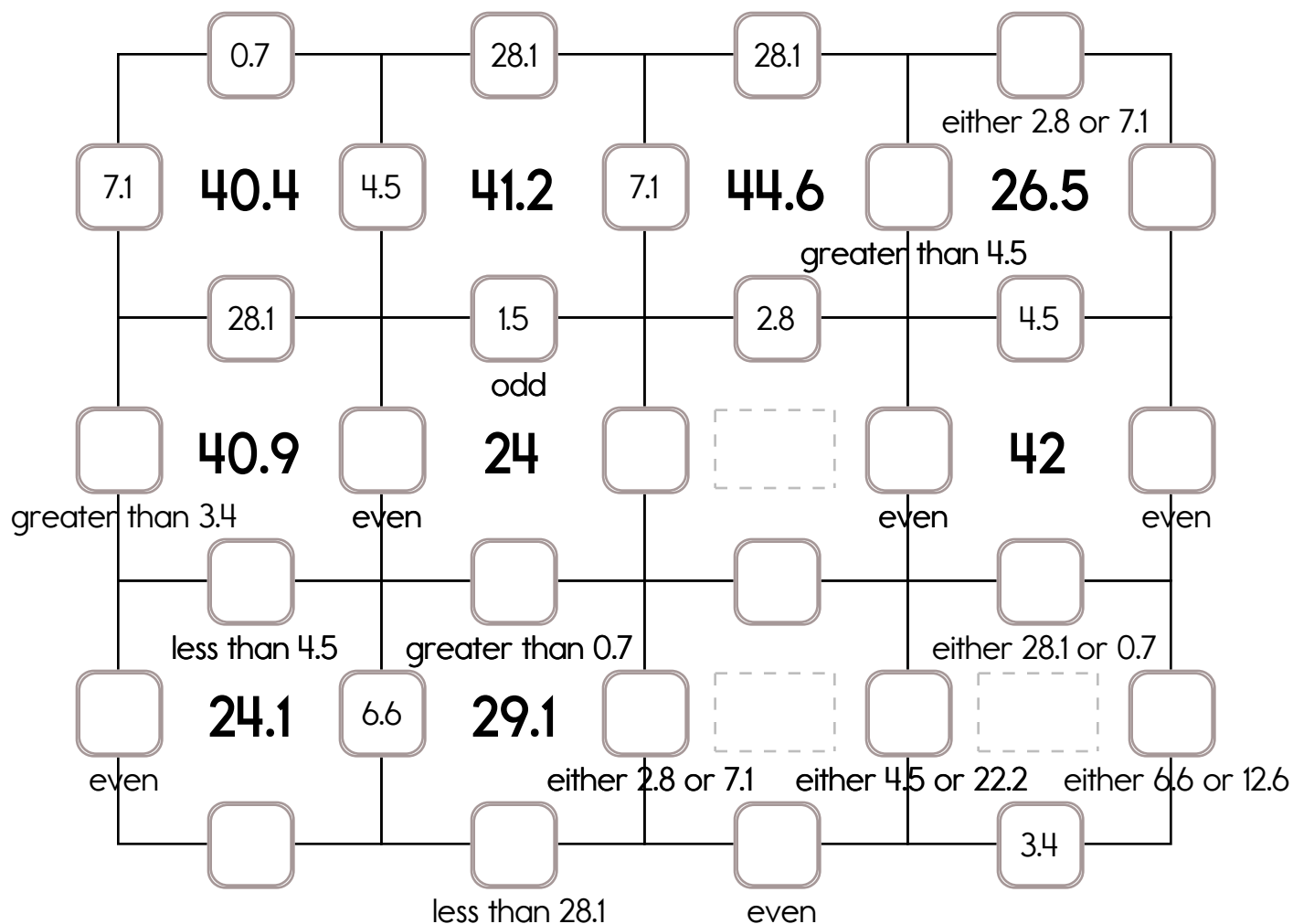
Example:

$$3.4 + 0.7 + 1.5 + 22.2 = 27.8$$

Sample:

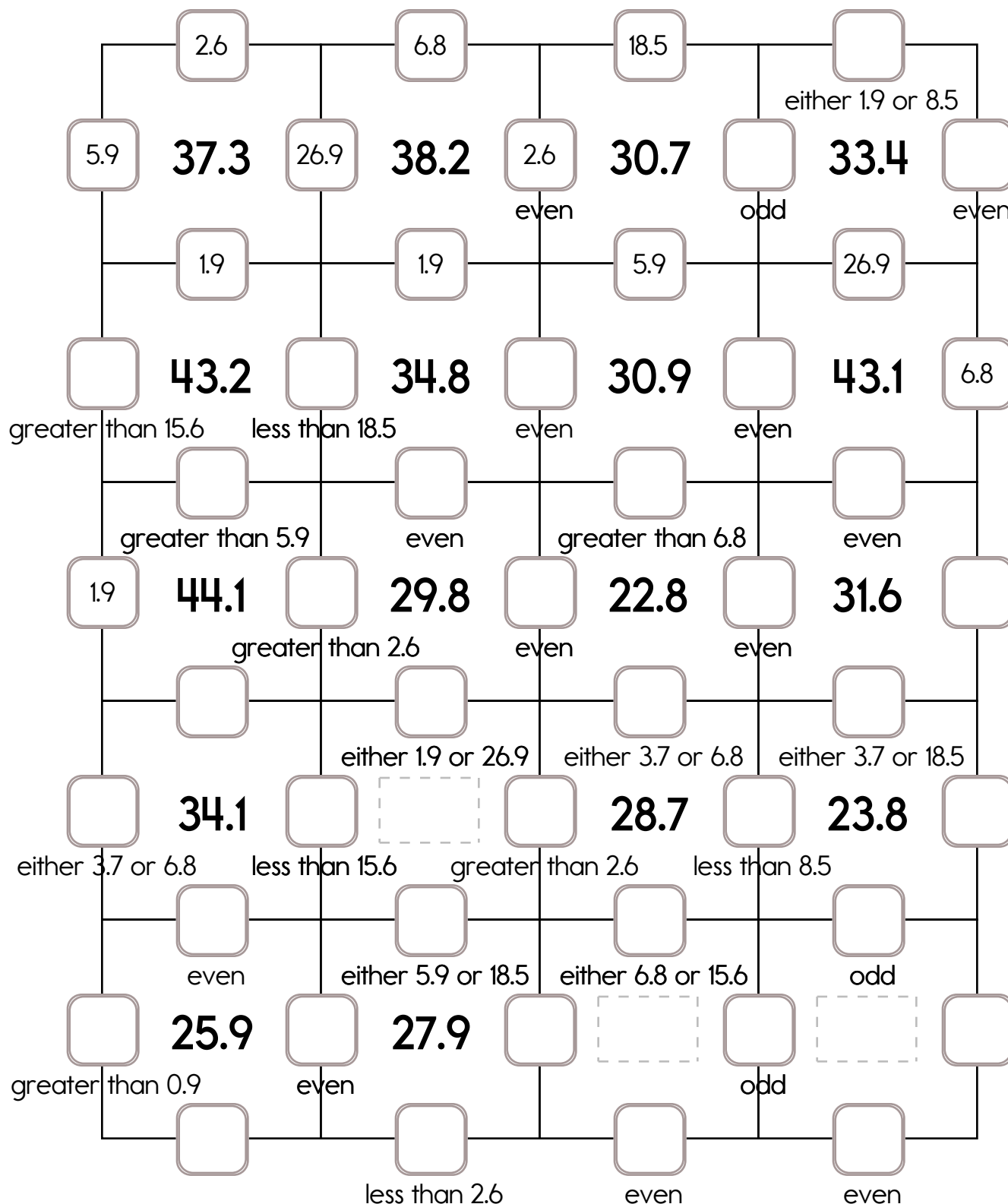


Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 28.1, 12.6, or 22.2. The other three numbers have to all be DIFFERENT and must be from these: 6.6, 2.8, 1.5, 7.1, 4.5, 3.4, or 0.7.



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: 18.5, 26.9, or 15.6. The other three numbers have to all be DIFFERENT and must be from these: 2.6, 6.8, 1.9, 0.9, 5.9, 3.7, or 8.5.



Name: _____

--	--	--	--	--

--	--	--	--	--

Write as a decimal.

$$\frac{3}{100}$$

Write as a decimal.
Five and four tenths

Write as a decimal.

$$2\frac{6}{1000}$$

Estimate quickly the difference.
 $5,040 - 2,970$

It was 5 degrees below zero in the morning. By afternoon the temperature rose 21 degrees. How warm was it?

$\frac{1}{9}$, $\frac{1}{3}$, (1), (3), (9),
_____, (81), (243),
(729), (2,187)

Round the decimal 0.475 to the nearest hundredth.

(2,343,750), (468,750),
(93,750), (18,750),
(3,750), (750),
_____, (30)

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

Name: _____

Match each pattern to its rule.

2.5, 19, 144.4, 1,097.44

x 7.8

1.4, 10.78, 83.006, 639.1462

2,426.112, 336.96, 46.8, 6.5

854.1936, 109.512, 14.04, 1.8

÷ 7.3

608.4487, 85.697, 12.07, 1.7

x 7.7

x 7.6

÷ 7.2

÷ 7.1

855.8374, 117.238, 16.06, 2.2

3,084.588, 395.46, 50.7, 6.5

8.5, 66.3, 517.14, 4,033.692

It was 8 degrees above zero in the morning. By afternoon the temperature rose 19 degrees. How warm was it?

44, 60, _____, 92, 108,
124

How much time is it from 8:00 a.m. to 10:40 a.m.?

$(2 + 3) \times 12$

How many minutes is it from 8:00 a.m. to 10:40 a.m.?

How many centimeters in 9.5 meters?

Round 59,555 to the nearest hundred.

$15 \div 5 + 11$

It was 94 degrees outside. What would the temperature be if it got 29 degrees colder?

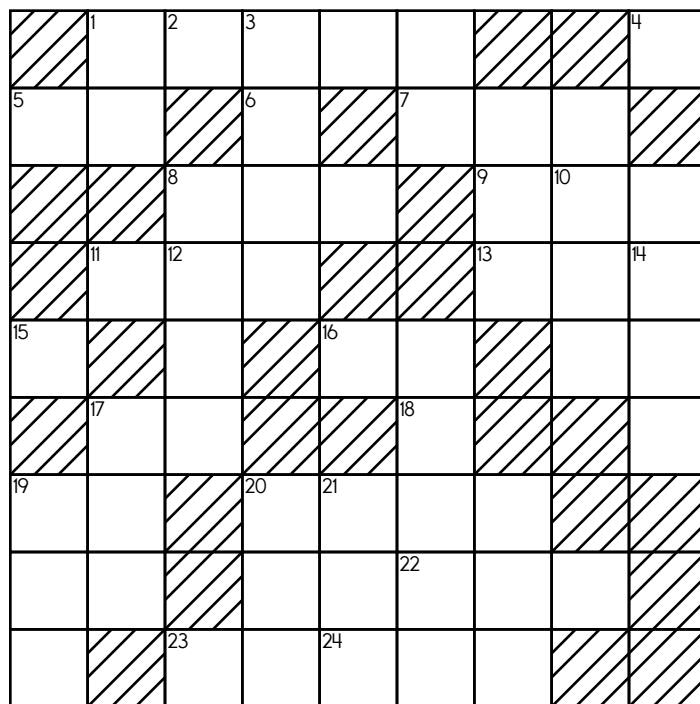
Name: _____

ACROSS

3. Seven more than 22-Across
4. One-third of 1-Down
6. One-fourth of 16-Across
7. 17-Down plus 18-Across
8. Two more than 13-Across
9. 24-Across plus 19-Down
11. 21-Across plus 13-Across
13. 22-Across plus 10-Down
15. One-sixth of 1-Down
16. Two times 1-Down
18. $6 + 6 = 2 \times \underline{\hspace{1cm}}$
21. Two more than 21-Down
22. Nickels in ten dollars
24. 19-Down plus 18-Across

DOWN

1. Four more than 5-Down
2. One-eighth of 16-Across
5. Two more than 18-Across
10. Four more than 22-Across
12. Nine less than 3-Across
14. 3-Across plus 22-Across
17. Seven less than 10-Down
19. Five less than 21-Across
20. Eight less than 11-Across
21. 10-Down plus 5-Down
23. Seven less than 1-Down



Write 3,476,276 in words.

Name: _____

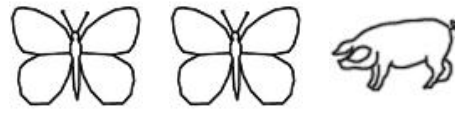
Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.



Draw 1 of these 3 pictures.
The picture is NOT in the correct spot.



Draw 1 of these 3 pictures.
The picture IS in the correct spot.

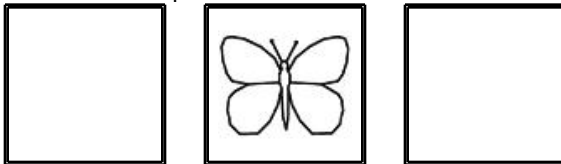


Draw 1 of these 3 pictures.
The picture IS in the correct spot.

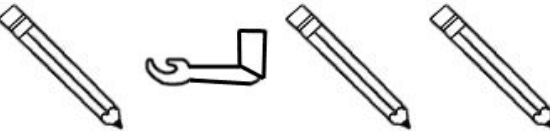


Draw 1 of these 3 pictures.
The picture IS in the correct spot.

Draw the 3 pictures in the correct order:



Draw 4 pictures in the correct order. Use each of the clues so you will know what to draw.



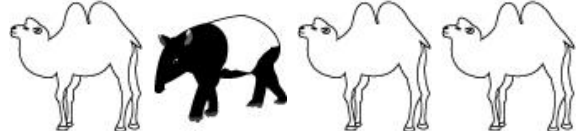
Draw 1 of these 4 pictures.
The picture IS in the correct spot.



Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.



Draw 1 of these 4 pictures.
The picture IS in the correct spot.

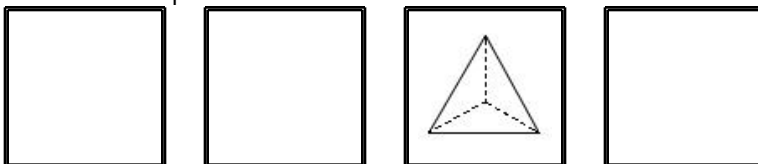


Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.



Draw 2 of these 4 pictures.
1 of those pictures is in the correct spot.

Draw the 4 pictures in the correct order:




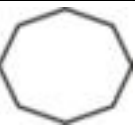


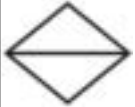


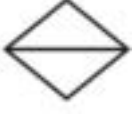



Name: _____

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

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

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

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

An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

5 2 1 3 4

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

An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

3 2 1 5 4

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

Hint - These numbers are missing:

3 1 2 1 5 2 2 4 3

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

Hint - These numbers are missing:

1 2 1 1 4 1 2 2 1 3

Name: _____

Sudoku Sums of 16

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 16.

Here is an example of a sudoku sum of 16:

4	12
---	----

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

Circle the addition property
for $63 + 179 = 179 + 63$.

commutative property

associative property

For 84,231,661,615,726, write
the digit that is in the ten
thousands place.

$30 \div 10 =$

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 4.

Every row must contain the numbers 1, 2, 3, and 4.

Every column must contain the numbers 1, 2, 3, and 4.

In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

In a cage with a subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.

6+ 1		1- 1	4
	3- 1		6+ 1
1- 4		7+ 1	2
	2		

Fill in the blanks. These equations are from the puzzle above.

$$\underline{\quad} + 4 = 7$$

$$4 - \underline{\quad} = 1$$

$$1 + \underline{\quad} + \underline{\quad} = 6$$

$$\underline{\quad} + \underline{\quad} + 2 = 6$$

$$\underline{\quad} - 1 = 3$$

$$\underline{\quad} - 1 = 1$$



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