Name: _____

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

Pyramid 1

19.9	5	7.1	16.6	8.8

Row 2: [ ], 12.1, [ ], [ ]

Row 3: [ ], [ ], [ ]

Row 4: [ ], [ ]

Bottom: 157.7

Pyramid 2

Row 1: [ ], [ ], $\dfrac{3}{4}$, [ ]

Row 2: [ ], 7, [ ]

Row 3: $22\dfrac{1}{4}$, $8\dfrac{5}{6}$

Bottom: [ ]

Pyramid 3

Row 1: 60.9, [ ], 88.6, 45.4

Row 2: [ ], [ ], [ ]

Row 3: 341.5, 318.6

Bottom: [ ]
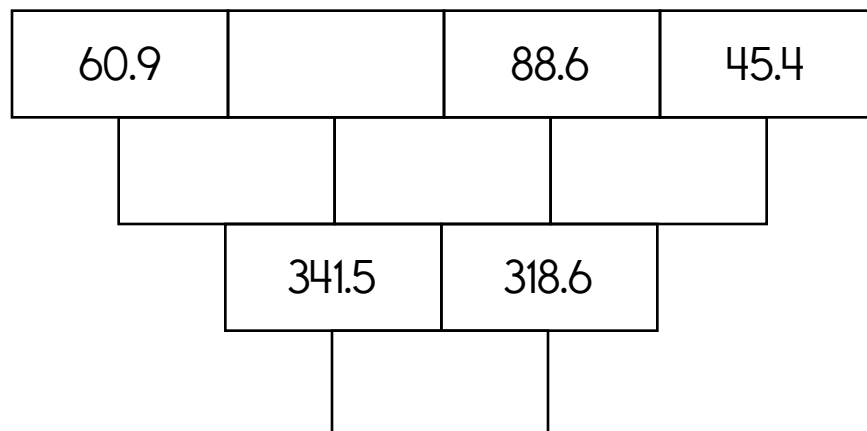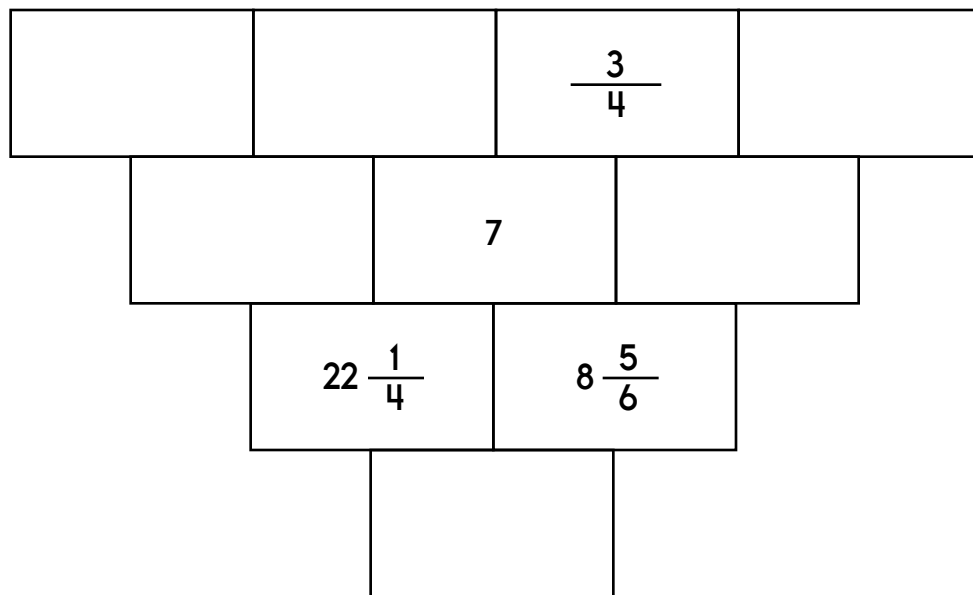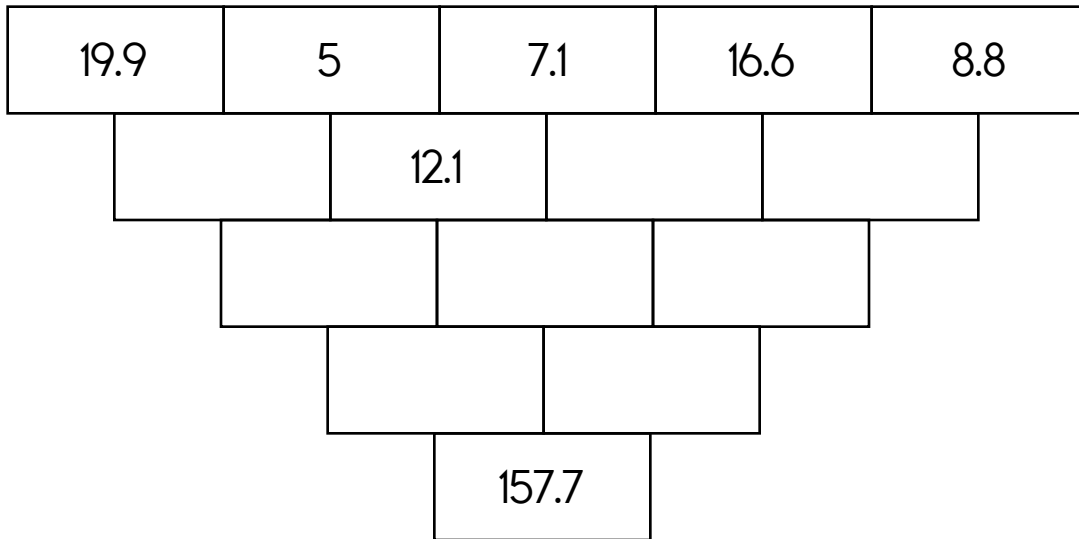
word root **avi** can mean **bird**   aviary, aviator

Fifth Grade

Name: _____

Each box needs a number from 1 to 9. You may re-use numbers.

One set of sums has been done for you.

(Two Kakuro-style number puzzle grids)

Grid 1 cells with clues: sum of 7→, sum of 10↓, sum of 5↓, sum of 7↓, sum of 10→, sum of 8→, sum of 6↓, sum of 9→, sum of 7↓, sum of 9↓, sum of 5→, sum of 6→, sum of 5→, sum of 7→ [3] [4], sum of 9→

Grid 2 cells with clues: sum of 6↓, sum of 9↓, sum of 7↓, sum of 10→, sum of 10→, sum of 4↓, sum of 4↓, sum of 5→ [2] [3], sum of 5↓, sum of 7↓, sum of 9↓, sum of 5→, sum of 7→, sum of 8→

$$\begin{array}{r} 3\,9 \\ +\,3\,8 \\ \hline \end{array}$$

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

Can 453 be evenly divided by 3? Circle:

453 is evenly divisible by 3

453 is NOT evenly divisible by 3

Write an equation to represent this:

The sum of nine and eleven is twenty.

_____

How many centimeters are in 90 millimeters?

_____ centimeters

---

110 ÷ 11 =

$$\begin{array}{r} 8\,6 \\ -\,4\,5 \\ \hline \end{array}$$

$$\begin{array}{r} 3\,8\,4 \\ -\,2\,9\,4 \\ \hline \end{array}$$

Circle the addition property for 71 + 118 = 118 + 71.

associative property

commutative property

---

word root **escent** can mean **becoming or having**   **luminescent**

Fifth Grade

Name: _____

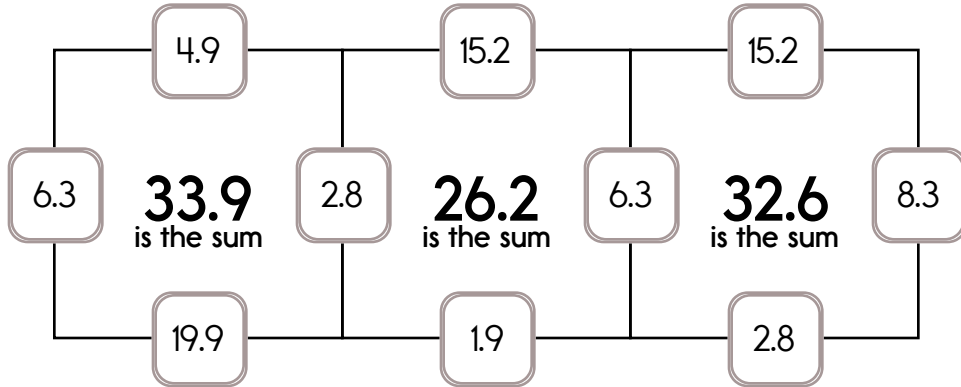This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

Example:

6.3 + 2.8 + 4.9 + 19.9 = 33.9

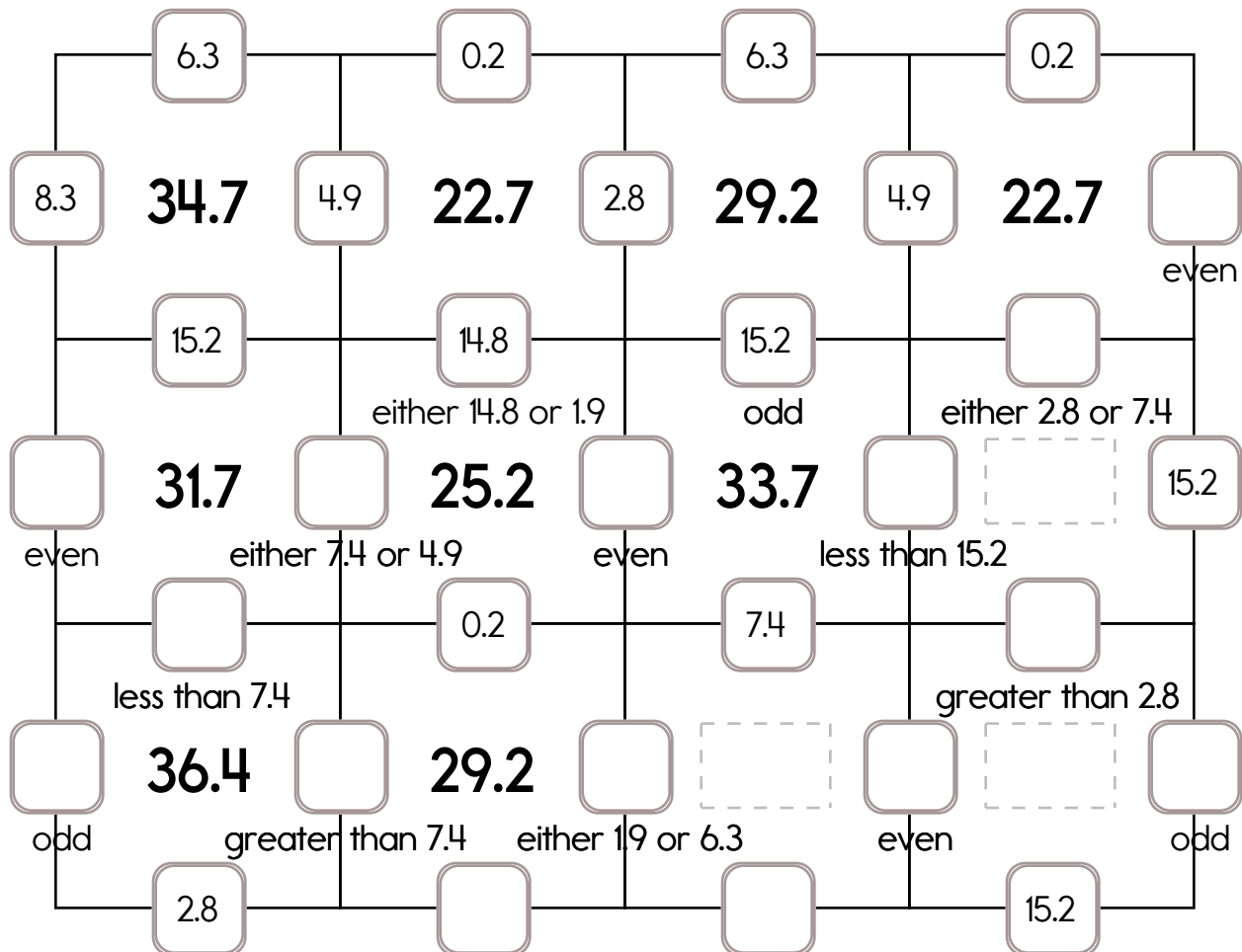Example:

6.3 + 8.3 + 15.2 + 2.8 = 32.6

Sample:

	4.9		15.2		15.2	
6.3	**33.9** is the sum	2.8	**26.2** is the sum	6.3	**32.6** is the sum	8.3
	19.9		1.9		2.8	

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: 19.9, 15.2, or 14.8. The other three numbers have to all be DIFFERENT and must be from these: 7.4, 0.2, 2.8, 8.3, 4.9, 1.9, or 6.3.

	6.3		0.2		6.3		0.2	
8.3	**34.7**	4.9	**22.7**	2.8	**29.2**	4.9	**22.7**	☐ even
	15.2		14.8 either 14.8 or 1.9		15.2 odd		☐ either 2.8 or 7.4	
☐ even	**31.7**	☐ either 7.4 or 4.9	**25.2**	☐ even	**33.7**	☐ less than 15.2	⬚	15.2
	☐ less than 7.4		0.2		7.4		☐ greater than 2.8	
☐ odd	**36.4**	☐ greater than 7.4	**29.2**	☐ either 1.9 or 6.3	⬚	☐ even	⬚	☐ odd
	2.8		☐		☐		15.2	

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: 23.9, 19.9, or 11.7.
The other three numbers have to all be DIFFERENT and must be from these: 6.9, 7.2, 2.7, 9.9, 8.7, or 4.3.**

Name: _____

Draw ONE continuous line that touches every box ONCE.
Count by 9s. Find the box with the number 100. Move up, down, right, or left.
Keep counting until you reach 883. Do not move into a spot with a picture.

532									
		559		883					
	505					856			
						847			
	595								
				109	100				
				118					
			397			154			
433								271	

---

66 ÷ 6 =	Mary wants Maria to guess a three digit number. She tells Maria that her number has three different digits. The digits are 4, 3, and 9. Maria thinks. She then guesses the number 394. What are the chances that Maria has guessed correctly?	27 lb = _____ oz
$\begin{array}{r} 4\ 3\ 9 \\ +\ 3\ 0\ 0 \\ \hline \end{array}$		1 kg = 1,000 g 24 kg = _____ g

word root **tempor** can mean **time**   contemporary, temporal, temporary

Name: _____

ACROSS

2. 8-Down plus 7-Across
7. **Nickels in nine dollars**
9. Nine less than 7-Across
10. Eight less than 13-Down
11. Seven less than 6-Down
12. Two times 14-Down
14. Four less than 9-Across
16. Three times 12-Across
17. Three more than 3-Down

DOWN

1. Four more than 11-Down
3. Six less than 14-Across
4. Five more than 11-Down
5. Six more than 7-Across
6. Nine more than 8-Down
8. 14-Across plus 9-Across
11. 3 + 3 = 2 x ____
13. 8-Down plus 6-Down
14. Six more than 1-Down
15. Five times 14-Down
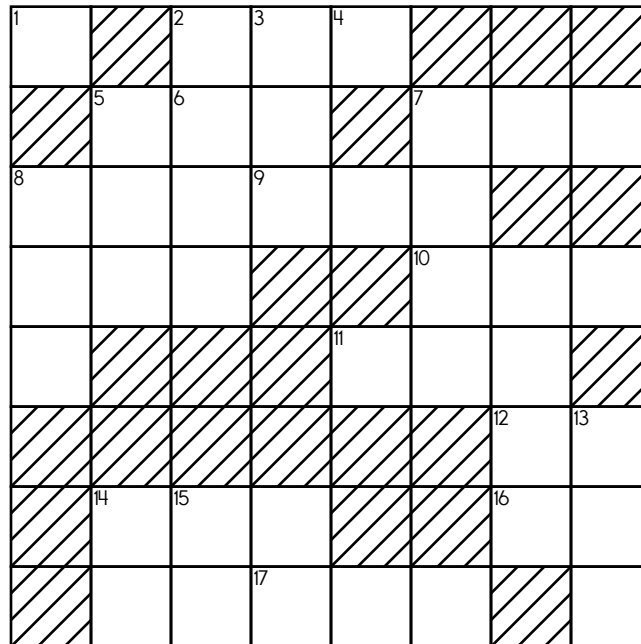
How many digits are in ten times ten?

_____
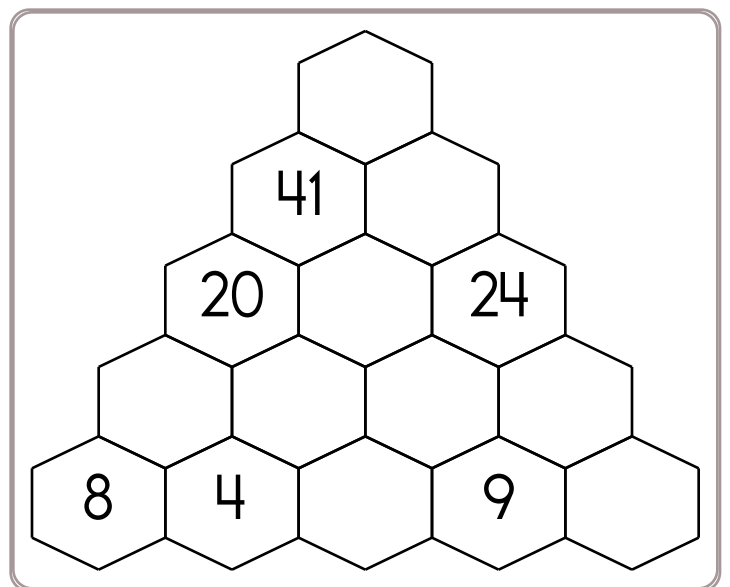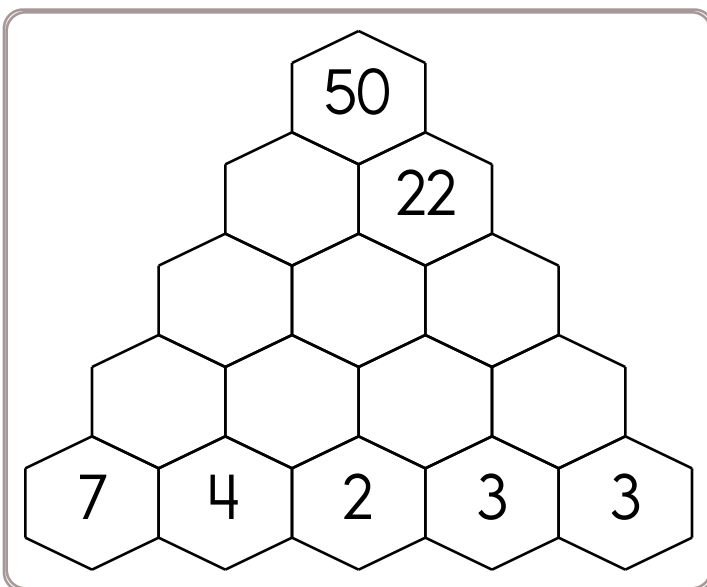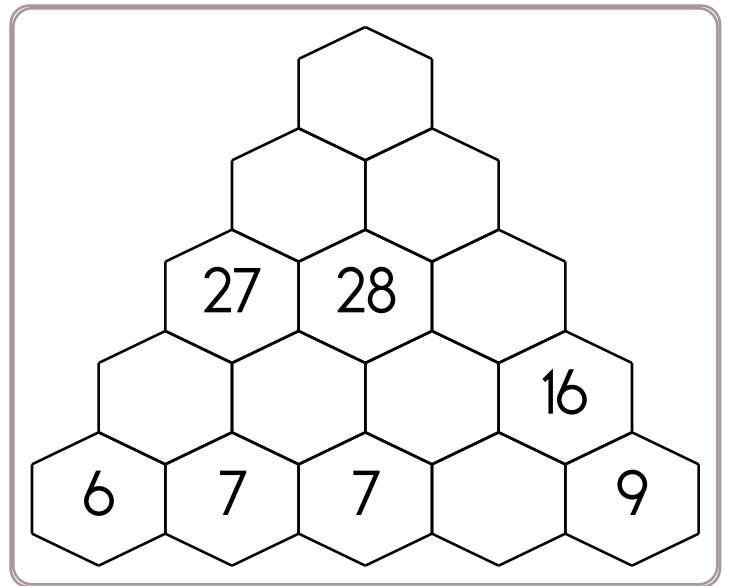
$24 ÷ 4 =$

Write the missing family fact.
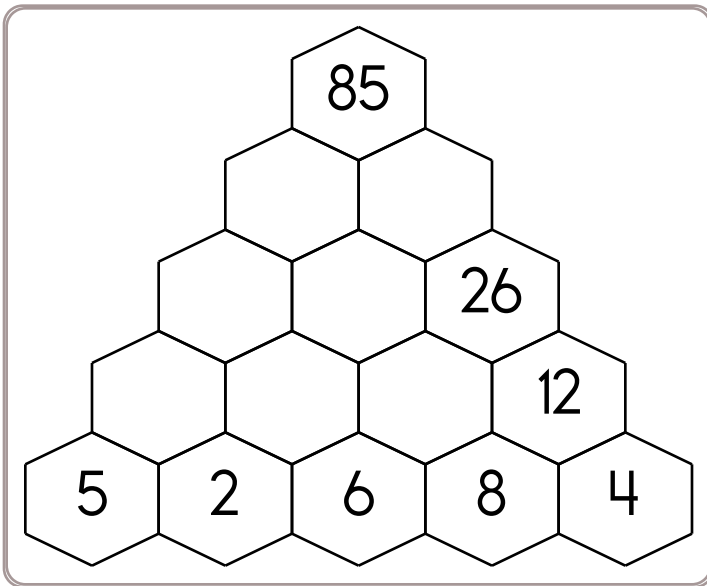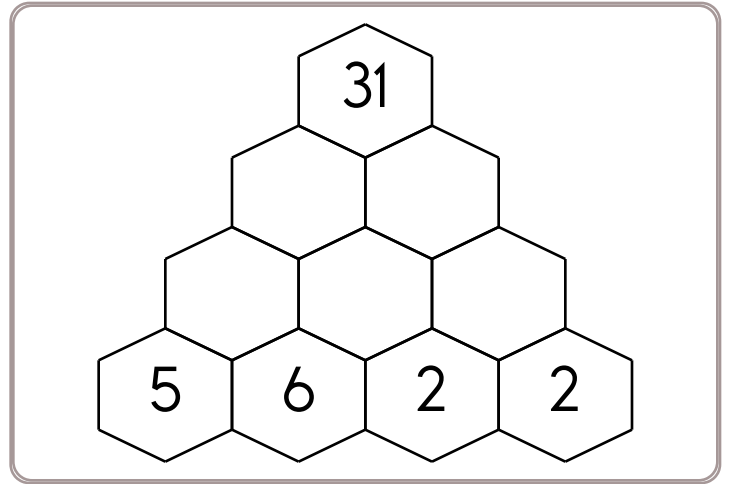
18 x 11 = 198
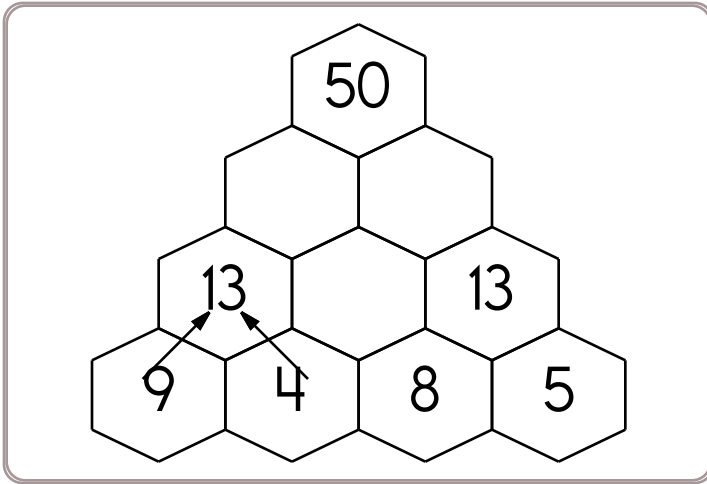198 ÷ 18 = 11
198 ÷ 11 = 18

_____

Write a letter that has two or more lines of symmetry.

_____

Name: _____

Fill in the blanks by adding the two numbers below each hexagon.

50

13 13

9 4 8 5

31

5 6 2 2

85

26

12

5 2 6 8 4

27 28

16

6 7 7 9

50

22

7 4 2 3 3

41

20 24

8 4 9

word root **vis** can mean **see**   envision, visible, invisible

Fifth Grade

Name: _____

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

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

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

Name: _____

Sudoku Sums of 12

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 12.

Here is an example of a sudoku sum of 12:

9	3

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

Write the reciprocal.	Write the reciprocal. 19	Write the reciprocal.
$\frac{8}{9}$		$\frac{7}{12}$

Fifth Grade

Name: _____

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

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

Write as a decimal.

$6 \frac{71}{100}$

Write as a decimal.
Three and seventy-three hundredths

Write as a decimal.
Six and four tenths

Circle the greatest number:
359,068,247   20,863,172,930
278,103   9,465,495

Choose the word that best completes the sentence.
Let's go (to/too) the movies.

Fifth Grade

Name: _____

Robert, Amanda, Stephanie, and Kaylee each voted for one person to be president. How many votes did each person receive and who will be the president?

1. Kaylee has one more vote than Robert.

2. If Amanda had one more vote, Amanda would have the same number of votes as Stephanie.

3. Kaylee has the same number of votes as Amanda.

Robert received _____ vote(s).

Amanda received _____ vote(s).

Stephanie received _____ vote(s).

Kaylee received _____ vote(s).

Puzzle:

⊶	🦴	⊶	**72**
⊶	🐿	⊶	**81**
🐿	🐛	🐗	**252**
81	**288**	**63**	**X**

Work Area:

			72
			81
			252
81	**288**	**63**	**X**

The product for each column and row is given. Blanks use numbers 2 to 9 only.

⊶ = ____   🐗 = ____   🦴 = ____

🐿 = ____   🐛 = ____

Fifth Grade

Name: _____

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

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

13.9 - 1.39 =

```
  1 3 . 7 1 5
-     2 . 1 3 7
```

```
    8 . 2
-   4 . 6 2
```

Add the correct end punctuation for this sentence.

I am so excited that we are going on vacation to the mountains over Christmas

In the number 7,202,885, the digit 7 is in what place?

_____

Name: _____

Cross off the number that does NOT belong.

34, 44, 54, 64, 74, 76, 84

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

(177,147), (59,049), (19,683), (6,561),

(2,187), (729), (243), (81),

(79), (27), (9)

Why does _____ not belong in the pattern?

Name: _____

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

_____, _____, 40, 32, 24, 16, 8

72, 64, _____, 48, _____, _____, 24, 16

128, _____, _____, 104, 96, 88, _____, _____

Complete each pattern. Write what the rule is.

206.3	216.6	226.9
237.2		257.8
268.1		288.7
299		319.6

Fifth Grade

Name: _____

Find the missing numbers.

If

   1 , 5 = 5

   2 , 9 = 18

   3 , 13 = 39

   4 , 15 = 60

Then

   5 , 19 = ?

If

   5 , 5 = 10

   6 , 10 = 16

   7 , 15 = 22

   8 , 19 = 27

Then

   9 , 22 = ?

Complete each pattern. Write what the rule is.

8, 3, $8\frac{1}{4}$, $3\frac{1}{4}$, _____ , $3\frac{1}{2}$,

$8\frac{3}{4}$, $3\frac{3}{4}$, 9, 4, $9\frac{1}{4}$, $4\frac{1}{4}$

13, 11, $13\frac{1}{4}$, $11\frac{1}{4}$, $13\frac{1}{2}$, $11\frac{1}{2}$,

$13\frac{3}{4}$, _____ , _____ , _____ , _____

Name: _____

Stephanie, Cameron, Emily, and Steven each went on vacation with their father (Michael, Nicholas, Jacob, and Christian). They each traveled to a different country (France, Kenya, Austria, and Columbia).

Figure out each person's father and the country they visited.

1. Cameron went to either Europe or Africa.

2. Emily's trip was to a different continent than either Christian's or Nicholas' trip.

3. Before the vacation, Stephanie and Cameron saw Steven's dad, Christian, at the mall.

4. Steven did not go to France.

5. Nicholas did not go to France.

6. Before the vacation, Stephanie and Cameron saw Emily's dad, Jacob, at the mall.

7. Steven went to either France or Kenya.

8. Stephanie went to either France or Columbia.

9. Cameron did not go to Kenya.

10. Nicholas and Michael went on vacation to the same continent.

11. Emily went to either South America or Africa.

Stephanie's father's name is _____. They went on vacation to _____.

Cameron's father's name is _____. They went on vacation to _____.

Emily's father's name is _____. They went on vacation to _____.

Steven's father's name is _____. They went on vacation to _____.

How much time is it from 6:00 a.m. to 11:50 a.m.?

Write $\frac{3}{6}$ in lowest terms.

Round 12,507 to the nearest thousand.

Fifth Grade

Name: _____

Cross off the number that does NOT belong.

170, 152, 135, 119, 104, 90, 83, 77, 65, 54, 44, 35, 27

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

6, 48, 49, 51, 408, 411, 3288

Why does _____ not belong in the pattern?

Name: _____

Steven, Sean, Anna, and Brianna each have a car. This year, they each drove a different distance. The distances were: 2,632, 2,125, 2,468, and 2,392 miles. The speedometer on each of the cars keeps track of the total number of miles the cars have been driven. The current speedometer numbers on the cars are 57,194, 55,516, 56,748, and 55,181 miles.

Figure out how many miles each person drove their car for this year and the total number of miles that has been driven (the current speedometer reading).

1. Sean's current speedometer reading is neither fifty-seven thousand, one hundred ninety-four nor fifty-five thousand, five hundred sixteen.

2. The person that drove two thousand, six hundred thirty-two miles this year does not have a speedometer reading of fifty-five thousand, one hundred eighty-one.

3. Sean drove five hundred more miles than Brianna this year, rounded to the nearest tens.

4. The combined total miles that Brianna and Anna have put on their cars, rounded to the nearest hundreds, is one hundred ten thousand, seven hundred.

5. Steven drove eighty fewer miles than Anna this year, rounded to the nearest tens.

Steven drove _____ miles this year. His or her car's speedometer reads _____ miles.

Sean drove _____ miles this year. His or her car's speedometer reads _____ miles.

Anna drove _____ miles this year. His or her car's speedometer reads _____ miles.

Brianna drove _____ miles this year. His or her car's speedometer reads _____ miles.

How much money is 1 quarter, 1 dime, 1 nickel, and 6 pennies?

What is the area of a rectangle with sides 3 cm and 8 cm?

60 ÷ 12 x 9

Fifth Grade

Name: _____

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

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

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

GRIEVOUS • VANILLA • ASPECTS
NEON • REJOICE • LETHAL
PARADOX • ALIBI • OLFACTORY
MEGAPHONE • LUAU • IMMATURE
JUNGLE

RUDIMENTARY • FLANNEL
LIABILITY • BIAS • GRIEVOUS
ALIBI • GALLOPING • EMPATHY
JUNGLE • NEON • RHYME • OMIT
IMMATURE • LUAU • MEGAPHONE
ASPECTS • REJOICE • HYDROPLANE
FISSION • SELECTIVITY • RESOLVE
USHER • OLFACTORY • PARADOX
PAJAMAS • LETHAL • EXHAUST
VANILLA

Which is the smallest?

89.7 ÷ 9.5   89.7 ÷ 9.3   89.7 ÷ 9.4

3 x 9 =

Circle the helping verb(s) in the sentence.

The cat must have been chasing a mouse.
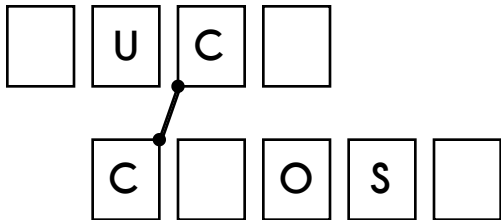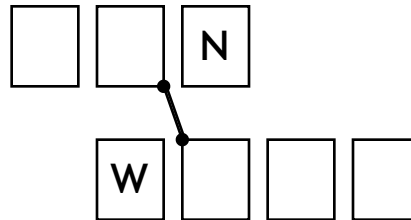
Circle the relative adverb.
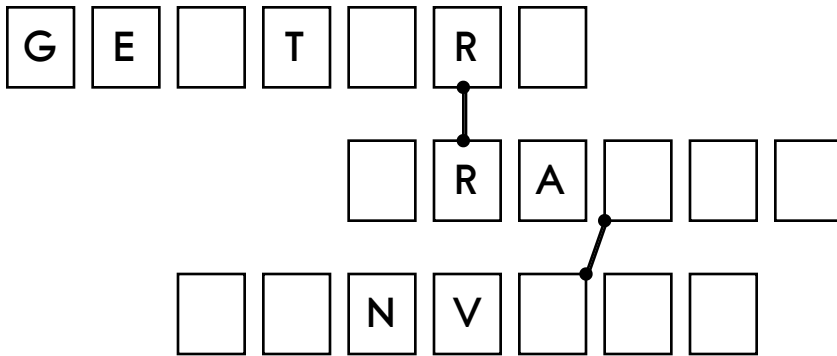I can't remember why we ever became best friends.

Name: _____

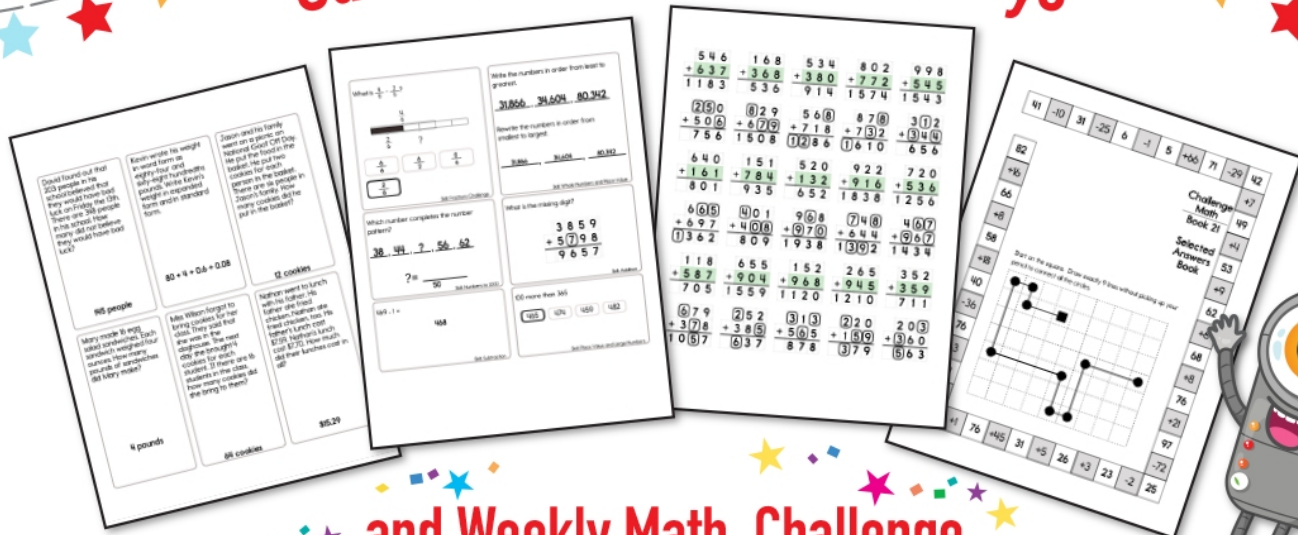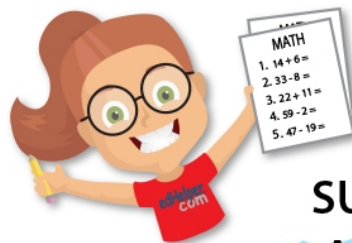Write words below. Be sure to use these words:

CHOSE ● CONVICT ● WISE

Write words. Lines connect squares with the same letter - cross off letter only ONCE for connected letters.

| | U | C | |

| C | | O | S | |

E Q U C D H K S

| | | N |

| W | | | |

E I K N S W

Write words. Lines connect squares with the same letter - cross off letter only ONCE for connected letters.

| G | E | | T | | R | |

| | R | A | | | |

| | | N | V | | | |

A E E I O U C C G N P R S S T V