Name: _____

Holly has 6 coins in her toy bank. The code to open this cool bank is 4168. She has no quarters, bills, or pennies. All she has are nickels and dimes. They total $0.40. How many nickels does she have?

Use any of these digits. Cross off a digit after you use it.

4	7	9	6	3	1	1

Write the smallest 5-digit number that you can with 6 in the hundreds place.

What number is halfway between 0 and 6?

36 ÷ 9 =

15 + ___ + 22 = 55

Name: _____

Ready to make equations? There is a missing equation in each box.

Circle the numbers once you find it!

A
59	(18)	99
(70)	26	57
90	(88)	50

+

Find an
addition fact.

B
24	10	52
46	22	16
48	99	7

+

Find an
addition fact.

C
16	40	20
79	69	22
60	58	23

+

Find an
addition fact.

Equations:

Write the equation facts you found.

A	18	**+**	70	**=**	88
B		**+**		**=**	
C		**+**		**=**	

12
8
16
4 4
4 4
4
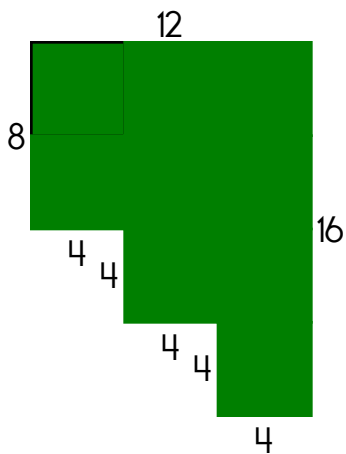
The perimeter is _____ .

What is the value
of the BIG digit?

8**6**,159,701

_____

```
  1 6
- 1 2
```

```
  7 9
- 2 2
```

```
  7 8
- 7 0
```

word root **dict** can mean **speak or say**   contradict, diction, prediction

Name: _____

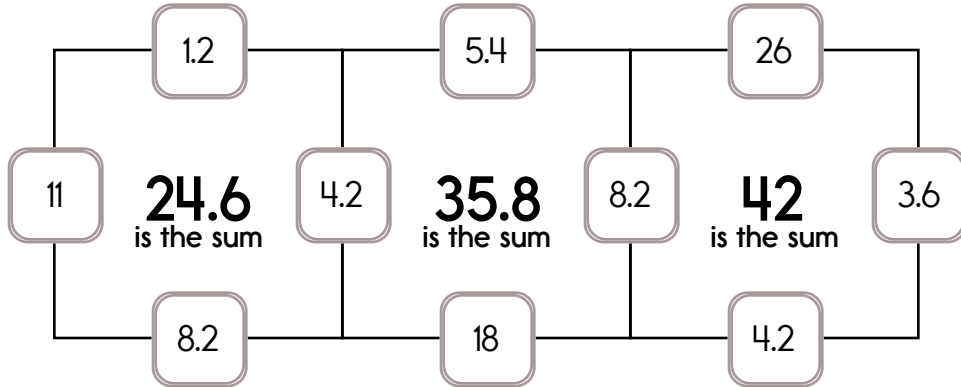This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

Example:
11 + 4.2 + 1.2 + 8.2 = 24.6

Example:
8.2 + 3.6 + 26 + 4.2 = 42

Sample:
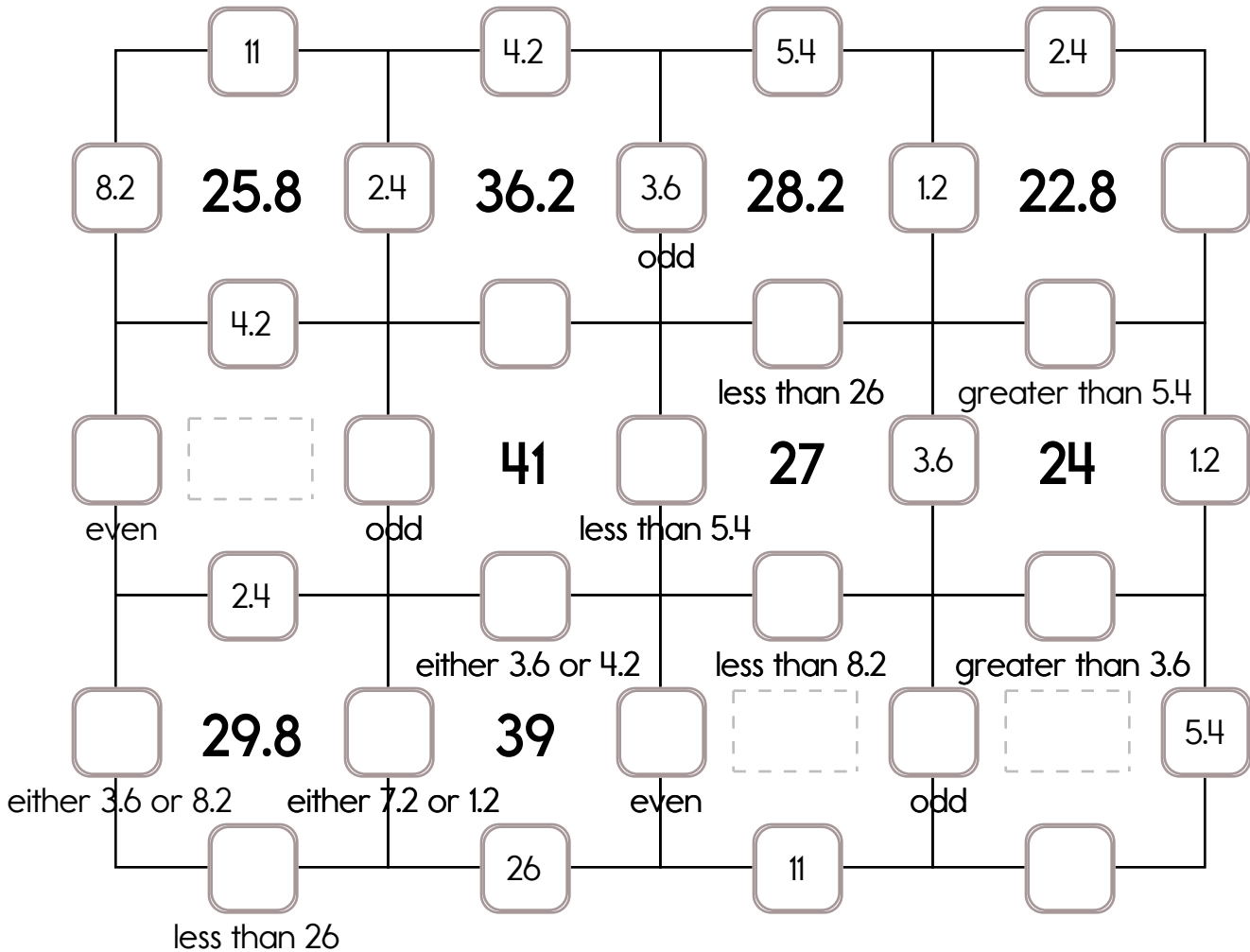
	1.2		5.4		26	
11	**24.6** is the sum	4.2	**35.8** is the sum	8.2	**42** is the sum	3.6
	8.2		18		4.2	

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.
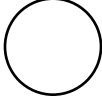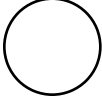**Exactly one of the four numbers has to be one of these numbers: 11, 18, or 26.**
The other three numbers have to all be DIFFERENT and must be from these: 2.4, 7.2, 1.2, 5.4, 8.2, 4.2, or 3.6.

Puzzle grid:

Row (top): 11 | 4.2 | 5.4 | 2.4

| 8.2 | **25.8** | 2.4 | **36.2** | 3.6 | **28.2** | 1.2 | **22.8** | (blank) |

4.2 | (blank) | (blank) odd | (blank) less than 26 | (blank) greater than 5.4

(blank) even | [dashed box] | (blank) odd | **41** | (blank) less than 5.4 | **27** | 3.6 | **24** | 1.2

2.4 | (blank) either 3.6 or 4.2 | (blank) less than 8.2 | (blank) greater than 3.6

(blank) either 3.6 or 8.2 | **29.8** | (blank) either 7.2 or 1.2 | **39** | (blank) even | [dashed box] | (blank) odd | [dashed box] | 5.4

(blank) less than 26 | 26 | 11 | (blank)

Fourth Grade

Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.
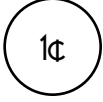**Exactly one of the four numbers has to be one of these numbers: 23, 18, or 26.**
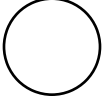**The other three numbers have to all be DIFFERENT and must be from these: 5.4, 2.2,**
3.6, 0.2, 8.2, or 4.4.
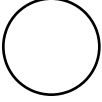
	3.6		even		18		18	
18	**28.2**	2.2	**29.2**	5.4	**33.8**		**24**	3.6
	4.4		3.6					
					greater than 5.4		even	
odd	**29.8**	even	**32.2**	less than 26	**39.2**	4.4	**35.8**	less than 26
	less than 5.4		greater than 4.4		odd		odd	
either 0.2 or 8.2	**32.8**	even	**30**	either 26 or 18	**35.2**	either 18 or 8.2	**36.8**	0.2
	either 23 or 26		less than 23		odd		less than 18	
	43.2	even	**28.6**	even		less than 26	**36.4**	greater than 0.2
	greater than 2.2		even		even		less than 26	
	39.2	either 23 or 3.6	**33**			either 0.2 or 4.4		even
	either 4.4 or 2.2	less than 18				even		

edHelper.com

Fourth Grade

Name: _____

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

Make $37.53 using bills and coins.

				$1

◯ ◯ ◯ 1¢ ◯ ◯

Show a different way to make $37.53 using a different number of bills or coins.

Make $16.45 using bills and coins.

Show a different way to make $16.45 using a different number of bills or coins.

This polygon has three more sides than a triangle. What polygon is this?

_____

Which is larger, $\frac{1}{6}$ or $\frac{1}{5}$?

_____

$$\begin{array}{r} 8\ 4 \\ +\ 9\ 7 \\ \hline \end{array}$$

word root **bi** can mean **two**   **biannual, bicentennial, bilateral**

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.

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

4   2   1   3

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

4   3   2   1

Hint - These numbers are missing:

2   2   3   4   1   2

Hint - These numbers are missing:

1   1   3   4

Name: _____

Fill in the missing numbers.

Hint - These numbers are missing:

1   1   1   2   1   4   1   3   2   1

Hint - These numbers are missing:

1   4   3   3   1   1

Hint - These numbers are missing:

2   4   4   1   4

Pam has 22 nickels. How much money is that?

What is the sum of 10 and 230?

If you exchange 110 dimes for dollars, then how many dollars would you get?

word root **cred** can mean **believe**   **credulous, incredible, incredulous**

Name: _____

X	5	6		8		1
3	 3 x 5	18 3 x 6	18 3 x ___	 3 x 8	 3 x ___	 3 x 1
8	 8 x 5	 8 x 6	 8 x ___	 8 x 8	64 8 x ___	 8 x 1
9	 9 x 5	54 9 x 6	 9 x ___	 9 x 8	 9 x ___	9 9 x 1
	 ___ x 5	 ___ x 6	 ___ x ___	 ___ x 8	 ___ x ___	6 ___ x 1
	 ___ x 5	 ___ x 6	 ___ x ___	32 ___ x 8	 ___ x ___	 ___ x 1
	 ___ x 5	48 ___ x 6	 ___ x ___	 ___ x 8	 ___ x ___	 ___ x 1
	25 ___ x 5	 ___ x 6	 ___ x ___	40 ___ x 8	40 ___ x ___	 ___ x 1
3	 3 x 5	 3 x 6	 3 x ___	24 3 x 8	 3 x ___	 3 x 1

Write the length in millimeters.

_____

cm   1   2   3   4   5   6
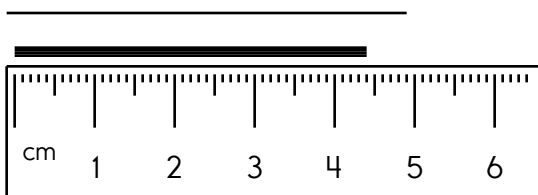
30 + 9   = _____

$4 \overline{)8}$

Name: _____

Norway, France, and Italy were awarded gold (2, 5, and 8), silver (5, 6, and 8), and bronze (6, 8, and 2) medals. Figure out how many of each type of medals were won by each of the three countries.

For example, country x may have won 2 gold, 8 silver, and 8 bronze medals. However, if country x won 2 gold medals, that means country z did not win 2 gold medals. Instead, country z may have won 5 gold medals.

Use the clues to figure out the number of medals awarded to each country.

1. One country won an even number of bronze medals and six silver medals.

2. Italy won the most gold medals.

3. One country won six silver medals. The same country also won six gold medals.

4. One country won an even number of bronze medals and eight silver medals.

5. Norway won either six or eight silver medals.

6. Italy won either two or six bronze medals.

7. Norway won either two or six bronze medals.

8. France won fewer gold medals than bronze medals. France also won the same number of gold medals as silver medals.

9. France won a total of eighteen medals.

10. Norway won the fewest gold medals.

11. Italy won fewer silver medals than gold medals. Italy also won more silver medals than bronze medals.

12. France won three bronze medals in ski jumping as well as two bronze medals in downhill skiing.

Norway won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

France won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

Italy won _____ gold medal(s), _____ silver medal(s), and _____ bronze medal(s).

Name: _____

Cross off the number that does NOT belong.

$$2, 1, 8, 7, 8, 2, 1, 8, 7, 2, 1, 8, 7, 2, 1, 8, 7$$

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

$$4\frac{4}{16}, \ 4, \ 3\frac{12}{16}, \ 3\frac{8}{16}, \ 3\frac{4}{16}, \ 3, \ 2\frac{12}{16}, \ 2\frac{11}{16}, \ 2\frac{8}{16},$$

$$2\frac{4}{16}, \ 2, \ 1\frac{12}{16}, \ 1\frac{8}{16}, \ 1\frac{4}{16}, \ 1, \ \frac{12}{16} \ , \ \frac{8}{16} \ , \ \frac{4}{16}$$

Why does _____ not belong in the pattern?

Name: _____

Sudoku Sums of 9

Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of
the dashed lines is 9.

Here is an example of a sudoku sum of 9:

1	8

	2				
		1		3	
	6		4		2
	4				
		4		1	

There are 2 groups of 4
rocks. How many rocks?

---

double 11 =

26, 30, _____, 44, 54,
66, 80, 96, 114, 134

Is 746 closer to 700 or 800?

Wendy bought six candy
bars. It cost $3.78. How
much did each candy bar
cost?

---

triple 70 =

Fourth Grade

Name: _____

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

If

    1 , 4 = 5

    2 , 6 = 8

    3 , 8 = 11

    4 , 10 = 14

Then

    5 , 14 = ?

If

    5 , 9 = 14

    6 , 13 = 19

    7 , 16 = 23

    8 , 21 = 29

Then

    9 , 25 = ?

Complete each pattern. Write what the rule is.

12, 18, 27, _____, _____, 72, 93, 117, 144, 174, 207, 243, 282, 324

28, 34, 43, 55, 70, 88, _____, 133, 160, 190, 223, _____, _____

_____, _____, 35, 47, 62, 80, 101, 125, 152, 182, _____, _____

Fourth Grade

Name: _____

Jasmine, Brandon, Grace, and Daniel each voted for one person to be president. How many votes did each person receive and who will be the president?

1. Jasmine has the same number of votes as Brandon.

2. Daniel has two less votes than Grace.

3. If Daniel had one more vote, Daniel would have the same number of votes as Jasmine.

4. If Jasmine had one more vote, Jasmine would have the same number of votes as Grace.

Jasmine received _____ vote(s).

Brandon received _____ vote(s).

Grace received _____ vote(s).

Daniel received _____ vote(s).

Puzzle:

			84
			8
			72
72	28	24	**X**

Work Area:

			84
			8
			72
72	28	24	**X**

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

= _____   = _____   = _____

Fourth Grade

Name: _____

Complete each pattern. Write what the rule is.

45	40	35
30	25	
15	10	

Complete each pattern. Write what the rule is for each pattern.

(2,343,750), (468,750), (93,750), (18,750),

(3,750), (750), (150), _____

(131,072), (32,768), (8,192), (2,048),

(512), (128), (32), _____

Name: _____

Cross off the number that does NOT belong.

(17,294,403), (2,470,629), (352,947), (50,421), (33,974),

(7,203), (1,029), (147), (21)

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

41, 50, 60, 71, 83, 84, 96, 110, 125, 141, 158, 176

Why does _____ not belong in the pattern?

Name: _____

Christina, Nicholas, Alyssa, William, and Tyler each wrote a report on a different planet (Mercury, Saturn, Earth, Jupiter, and Neptune).

Figure out which planet each person studied.

1. Nicholas' planet is closer to the sun than Tyler's planet.

2. William's planet is closer to the sun than Tyler's planet.

3. Jupiter is closer to the sun than Tyler's planet.

4. Mercury is closer to the sun than Tyler's planet.

5. Earth is further from the sun than Nicholas' planet.

6. Christina has the largest planet.

7. Neptune is further from the sun than William's planet.

8. Tyler's planet has rings.

9. Alyssa's planet is the third planet from the sun.

Christina studied _____.

Nicholas studied _____.

Alyssa studied _____.

William studied _____.

Tyler studied _____.

Reduce $\frac{3}{9}$ to its lowest terms.

Reduce $\frac{2}{4}$ to its lowest terms.

Reduce $\frac{6}{9}$ to its lowest terms.

Name: _____

| crept • trophies • scratch • central • pill • bases |

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

	scratch				bases
crept				trophies	
	scratch			pill	crept
central			trophies		

Round 726,194 to the nearest ten-thousand.

_____

What is the ratio of boys to girls in your class?

_____

$7\overline{)35}$
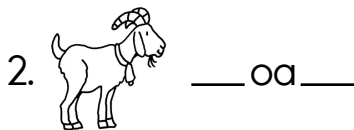

Write a fraction to represent what is shaded.

▨▨▨▨▨☐☐☐

_____

Write the length in inches.

_____

▬

| in. | 1 | 2 | 3 | 4 | 5 | 6 |

---

across → 　　 down ↓

2. ___oa___

1. lo___

3. ___ne___

3. ___i___e

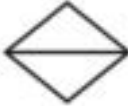| 1.		3.			
2.					
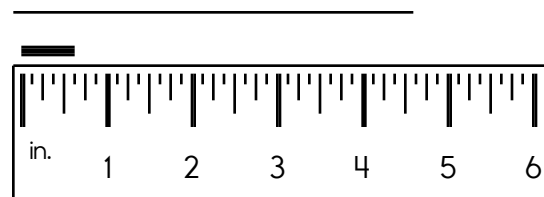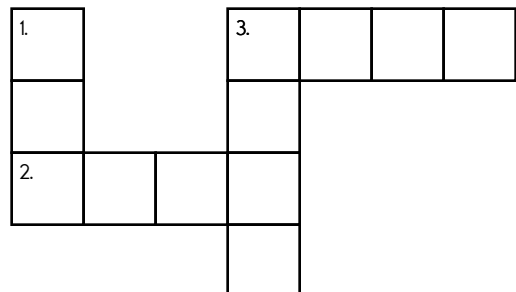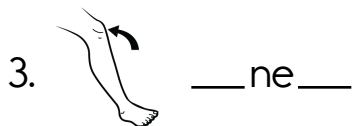
Name: _____

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

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

Each row, column, and box must have 4 different pictures.

Name: _____

Sudoku Sums of 6

Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of
the dashed lines is 6.

Here is an example of a sudoku sum of 6:

3	3

5		4			
	3				4
3			6		
	1		2	3	
				6	

Is 33 a composite or a prime number?

A, D, G, J, M, P, S,

_____, Y

How many hundreds are in the number 18,000?

Emma has $36. She wants to buy something that costs $92. How much more does she need?

How many total legs are on 8 chickens?

A book has 3 pages. Each page has 10 dimes. How many dimes in the book?

Name: _____

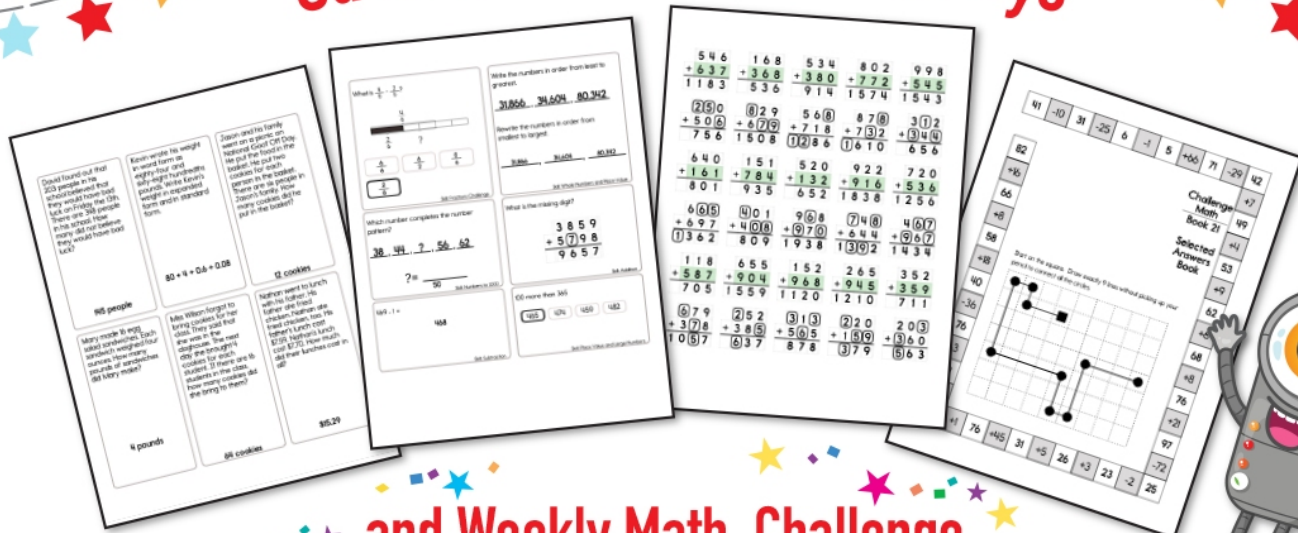Each row, column, and box must have the numbers 1 through 6.

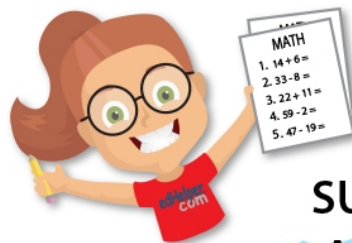|	2				
			1	2	
3		2		6	
5	6				1
					3
4					

disclose • scissors • afford • finish • hostile • member

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

	hostile		afford		disclose
					member
disclose				hostile	
			member		
	finish				
hostile	scissors	member			

Fourth Grade