

Name: _____ Date: _____

Ones and Twos Strategies

+	1	2	3	4	5	6	7	8	9
1	2	3	4	5	6	7	8	9	10
2	3	4	5	6	7	8	9	10	11
3	4	5							
4	5	6							
5	6	7							
6	7	8							
7	8	9							
8	9	10							
9	10	11							

Tens and Near Tens Strategies

+	1	2	3	4	5	6	7	8	9
1								9	10
2							9	10	11
3						9	10	11	
4					9	10	11		
5				9	10	11			
6			9	10	11				
7		9	10	11					
8	9	10	11						
9	10	11							

Two-Fives Strategy

+	1	2	3	4	5	6	7	8	9
1									
2									
3									
4									
5					10	11	12	13	14
6					11	12	13	14	15
7									
8					13	14	15	16	17
9					14	15	16	17	18

Doubles & Near Doubles Strategies

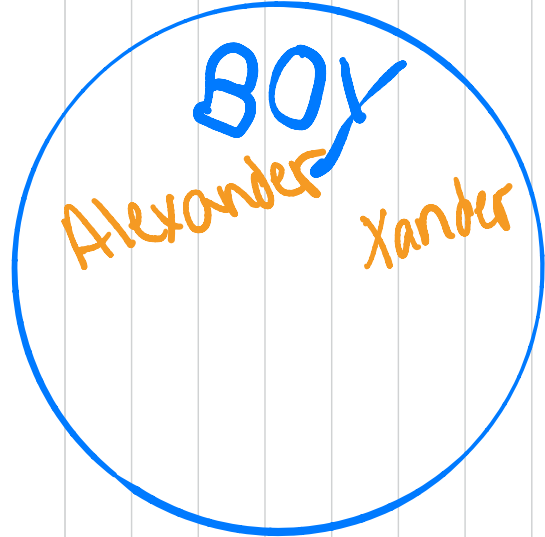
+	1	2	3	4	5	6	7	8	9
1	2	3							
2	3	4	5						
3		5	6	7					
4			7	8	9				
5				9	10	11			
6					11	12	13		
7						13	14	15	
8							15	16	
9								17	18

Making Ten Strategy

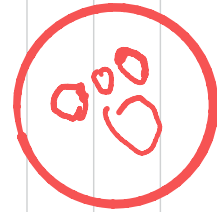
+	1	2	3	4	5	6	7	8	9
1								9	10
2								10	11
3								11	12
4								12	13
5								13	14
6								14	15
7								15	16
8	9	10	11	12	13	14	15	16	17
9	10	11	12	13	14	15	16	17	18

Addition Table

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




Peanut
Butter



Si Star brother



Asron Camilo
Pearl Butter Co. 

What is even + even = even

What is odd + odd = even

What is even + odd = odd

Name: _____

Use the Roman numeral chart to complete the following.

1	I
5	V
10	X
50	L
100	C
500	D
1000	M

X
 X IIII
 X
 X

16: XVI

44: _____

59: LVIII

103: CIII

290: CCXC

377: CCCLXXVII

XXII: XXII

LXVI: LXVI

LXXXVII: LXXXVII

CXI: CXI

CXX: CXX

CLXXXII: CLXXXII

CC: CC

CCCXXX: CCCXXX

CCCXXXV: CCCXXXV

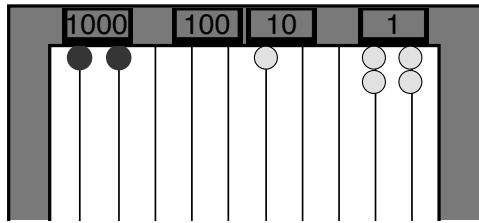
Name: _____

Date: _____

1	I
5	V
10	X
50	L
100	C
500	D
1000	M

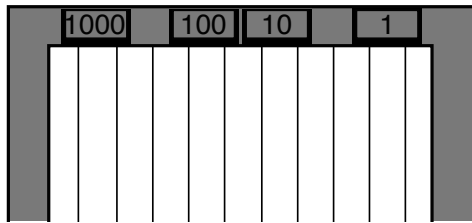
H-A	Early	Later
4	IIII	IV
9	VIIII	IX
40	XXXX	XL
90	LXXXX	XC

Fill in the blanks.



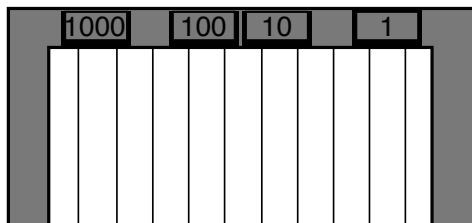
H-A	Early	Later
<u>214</u>	<u>MMXIIII</u>	<u>MC</u>

Draw the beads on the abacus and fill in the blanks.



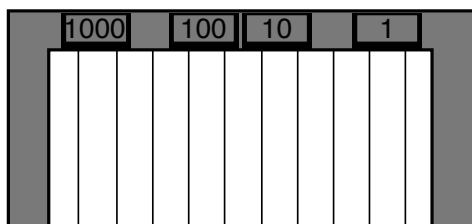
H-A	Early	Later
<u>3129</u>	<u>MMCCXXIIII</u>	<u>MM</u>

Draw the beads on the abacus and fill in the blanks.



H-A	Early	Later
<u>3129</u>	<u>DLXXII</u>	<u>MM</u>

Draw the beads on the abacus and fill in the blanks.



H-A	Early	Later
<u>3129</u>	<u>DLXXII</u>	<u>MCCCXLVI</u>

Worksheet 5, Adding 2-Digit Numbers

Name: _____

Date: _____

Add.

$65 + 16 = \underline{81}$

$29 + 43 = \underline{72}$

$34 + 58 = \underline{92}$

$55 + 55 = \underline{110}$

$79 + 62 = \underline{141}$

$99 + 87 = \underline{186}$

$18 + 15 = \underline{33}$

$59 + 61 = \underline{120}$

$47 + 67 = \underline{114}$

$73 + 27 = \underline{100}$

$98 + 37 = \underline{135}$

$88 + 88 = \underline{176}$

Add $18 + 74$ in two different ways and explain how you did it.

ds

Worksheet 6, Adding Several 2-Digit Numbers

Name: _____

Date: _____

Add.

$$35 + 26 + 9 + 31 = \underline{101}$$

26 ← 46

$$16 + 12 + 2 + 93 = \underline{123}$$

$$13 + 1 + 37 + 15 = \underline{66}$$

$$71 + 52 + 70 + 32 = \underline{225}$$

$$2 + 73 + 98 + 6 = \underline{179}$$

$$86 + 2 + 29 + 22 = \underline{139}$$

$$54 + 37 + 8 + 25 = \underline{124}$$

$$23 + 70 + 53 + 6 = \underline{152}$$



Name: _____

Date: _____

Write only the answers.

17
100
81

Add.

$38 + 6 = \underline{44}$

$99 + 64 = \underline{163}$

$36 + 14 + 50 + 47 = \underline{147}$

Explain how to add 39 and 41 two different ways.

Write the number of squares with Hindu-Arabic numerals and with Roman numerals.

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1	I
5	V
10	X

37
XXXVII

Name: _____

Date: _____

Write only the answers.

Add.

$47 + 8 = \underline{\hspace{2cm}}$

$99 + 56 = \underline{\hspace{2cm}}$

$22 + 18 + 60 + 75 = \underline{\hspace{2cm}}$

Explain how to add 21 and 19 two different ways.

Write the number of squares with Hindu-Arabic numerals and with Roman numerals.

1	I
5	V
10	X

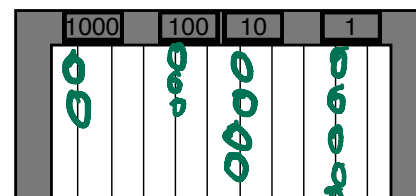
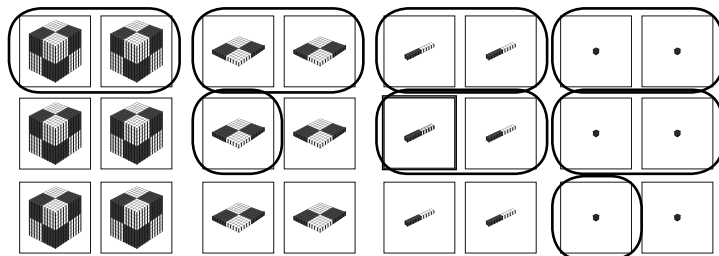
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Worksheet 8, Composing Numbers in the Thousands

Name: _____

Date: _____

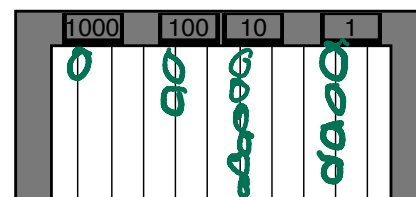
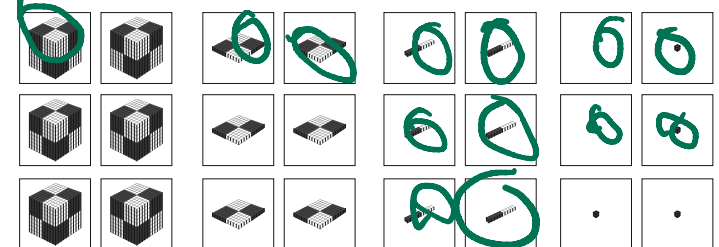
Write the expanded form of the circled base-10 cards. Draw beads on the abacus and write the number in standard form.



$$2000 + 300 + 40 + 5$$

$$2345$$

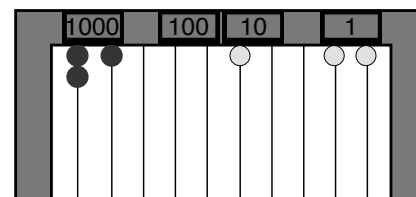
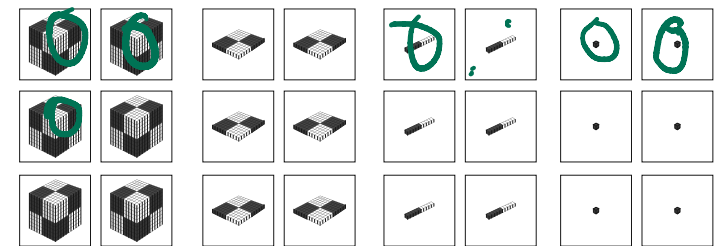
Look at the number in expanded form. Circle the base-10 cards. Draw beads on the abacus and write the number in standard form.



$$1000 + 200 + 60 + 4$$

$$1264$$

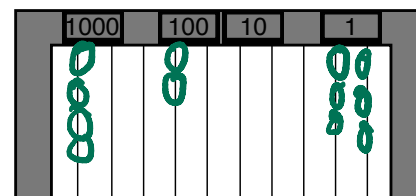
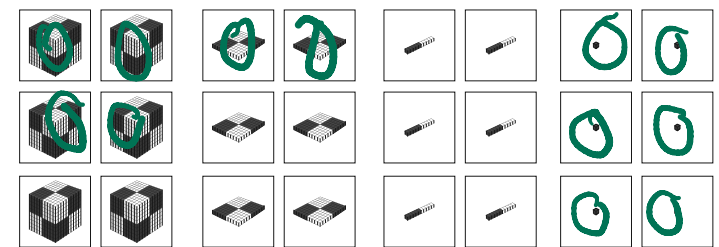
Look at the beads on the abacus. Circle the base-10 cards. Write the number expanded form and in standard form.



$$3000 + 000 + 10 + 2$$

$$3012$$

Look at the number in standard form. Circle the base-10 cards. Write the number in expanded form and draw the beads on the abacus.



$$4000 + 200 + 00 + 6$$

$$4206$$

Name: _____

Date: _____

Write >, <, or = on the lines to make the equations true.

$38 + 6$ > $30 + 6$

$99 + 64$ < $100 + 64$

506 < 560

211 > $200 + 10$

$99 + 10$ = 109

$99 + 100$ > 190

$250 + 10$ < $251 + 9$

$89 + 63$ < $100 + 73$

$700 + 80$ < 708

38 < $30 + 8$

1000 = $300 + 700$

461 > $400 + 60$

Write >, <, or = and explain your answer.

$611 + 100$ > $611 + 10$

$95 + 10 + 5$ = 110

$$\begin{array}{r} \checkmark \\ 105 + 5 \\ \hline 110 \end{array}$$

$455 + 10 + 1$ < $100 + 365$

Name: _____

Date: _____

Solve the problems using the base-10 picture cards. Write the numbers in the grid. Explain how you got your answer.

1. Planners are building a swimming pool and need to know how many children live in the towns of Addie, Hammer, and Preston. Addie has 2697 children. Hammer has 3986 children and Preston has 1449 children.

2. Bird watchers counted 879 robins, 4387 finches, and 2718 swallows. How many birds did the watchers count?

Worksheet 11, Adding 4-Digit Numbers

Name: _____

Date: _____

4	8	1	7
+	2	6	3
<hr/>			
7	4	5	6

3	6	2	9
+	2	5	8
<hr/>			
6	2	1	3

1	6	4	4
+	7	7	8
<hr/>			
9	4	3	0

2	4	8	2
+	5	6	1
<hr/>			
8	0	9	5

2	9	3	4
+	6	3	7
<hr/>			
9	3	0	7

6	8	7	9
+	4	2	1
<hr/>			
1	1	0	9

Write the sum in words.

4	2	5	8
+	3	1	6
<hr/>			
7	4	4	1

7 thousand 4 hundred
twenty-four

7	5	8	2
+	9	3	9
<hr/>			
8	5	1	1

fifty

6	0	5	8
+	6	2	7
<hr/>			
1	2	3	1

5 thousand

2	5	2	5
+	2	5	2
<hr/>			
5	0	5	0

fifty

Name: _____

Date: _____

Write only the answers.

17
104
106

Add.

$35 + 88 = \underline{123}$
 $7 + 106 = \underline{113}$
 $42 + 18 + 100 + 24 = \underline{184}$

Write the number shown by the pictures.

3827

Add.

	4	9	3	7
+	3	5	4	8
	<u>8485</u>			

Write >, <, or = on the lines.

127 < 40 + 90

101 + 16 = 117

Write this number in expanded form.

3560 $3000 + 500 + 60 + 0$

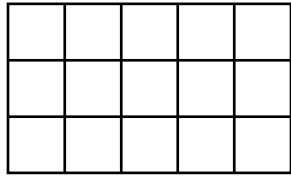
Write this number in standard form.

3 thousand 9 hundred twenty-four 3924

Name: _____

Date: _____

Write the array name and write one of the equations.



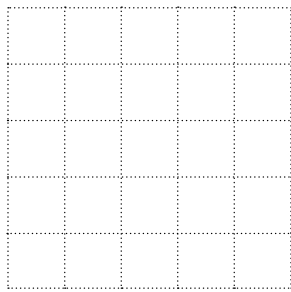
Array name

5 by 3

Equation

$5 + 5 + 5 = 15$

Draw the array and write one of the equations.



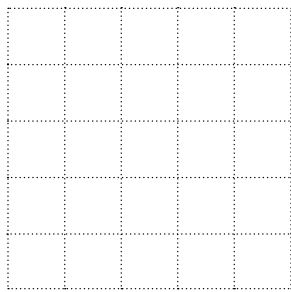
Array name

2 by 4

Equation

$4 + 4 = 8$

Draw the array and write the array name.



Array name

5 by 5

Equation

$4 + 4 + 4 + 4 = 16$

Draw the array and write one of the equations.



Array name

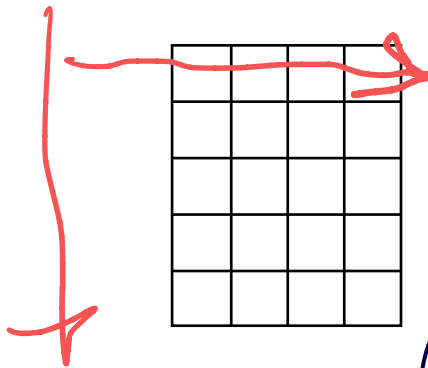
3 by 2

Equation

$2 + 2 = 4$

$4 \times 2 = 8$

Write the array name and write one of the equations.



Array name

5 by 4

Equation

$4 + 4 + 4 + 4 = 16$

4 by 5

Name: _____

Date: _____

Find the amount in each array. Use your abacus when it helps.

$5 \times 2 = \underline{\quad}$

$8 \times 2 = \underline{10}$

$4 \times 10 = \underline{40}$

$9 \times 3 = \underline{27}$

$5 \times 5 = \underline{25}$

$6 \times 4 = \underline{24}$

$2 \times 7 = \underline{14}$

$3 \times 8 = \underline{24}$

$5 \times 10 = \underline{\quad}$

$7 \times 3 = \underline{21}$

$7 \times 7 = \underline{\quad}$

$10 \times 10 = \underline{\quad}$

$3 \times 4 = \underline{\quad}$

$4 \times 4 = \underline{\quad}$



Write $>$, $<$, or $=$ on the lines. Use your abacus when it helps.

$2 \times 1 \underline{=} 2 + 1$

$8 \times 1 \underline{=} 8 + 1$

$2 \times 2 \underline{=} 2 + 2$

$2 \times 3 \underline{=} 2 + 3$

$1 \times 4 \underline{=} 1 + 4$

$2 \times 4 \underline{=} 2 + 1 + 5$

$5 \times 1 \underline{=} 5 + 1 - 1$

$3 \times 3 \underline{=} 3 + 3 + 3$

$3 \times 4 \underline{=} 4 + 4 + 4$

$10 \times 10 \underline{=} 10 + 10$

Name: _____

Date: _____

Multiples of 2.

$2 \times 1 = \underline{2}$

$2 \times 2 = \underline{4}$

$2 \times 3 = \underline{6}$

$2 \times 4 = \underline{8}$

$2 \times 5 = \underline{10}$

$2 \times 6 = \underline{12}$

$2 \times 7 = \underline{14}$

$2 \times 8 = \underline{16}$

$2 \times 9 = \underline{18}$

$2 \times 10 = \underline{20}$

Multiples of 5.

$5 \times 1 = \underline{5}$

$5 \times 2 = \underline{10}$

$5 \times 3 = \underline{15}$

$5 \times 4 = \underline{20}$

$5 \times 5 = \underline{25}$

$5 \times 6 = \underline{30}$

$5 \times 7 = \underline{35}$

$5 \times 8 = \underline{40}$

$5 \times 9 = \underline{45}$

$5 \times 10 = \underline{50}$

Multiples of 3.

$3 \times 1 = \underline{3}$

$3 \times 2 = \underline{6}$

$3 \times 3 = \underline{9}$

$3 \times 4 = \underline{12}$

$3 \times 5 = \underline{15}$

$3 \times 6 = \underline{18}$

$3 \times 7 = \underline{21}$

$3 \times 8 = \underline{24}$

$3 \times 9 = \underline{27}$

$3 \times 10 = \underline{30}$

Multiples of 4.

$4 \times 1 = \underline{4}$

$4 \times 2 = \underline{8}$

$4 \times 3 = \underline{12}$

$4 \times 4 = \underline{16}$

$4 \times 5 = \underline{20}$

$4 \times 6 = \underline{24}$

$4 \times 7 = \underline{28}$

$4 \times 8 = \underline{32}$

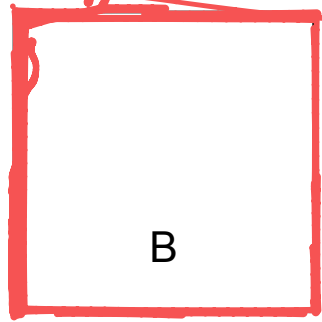
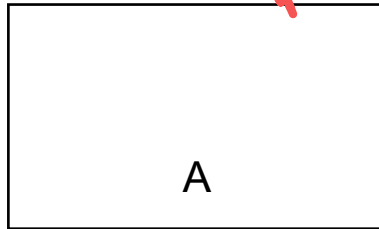
$4 \times 9 = \underline{36}$

$4 \times 10 = \underline{40}$

Name: _____

Date: _____

1. Which rectangle takes up more space? Explain.



4 cm

2. Ladybugs crawled around the sides of rectangle A and rectangle B. Which ladybug crawled farther? Explain.

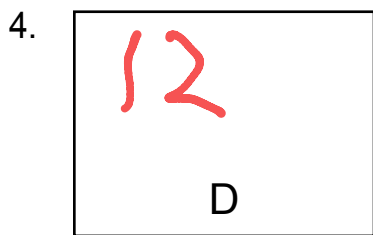
$$2 + 5 + 3 + 5 = 16$$

$$5 + 2 + 5 + 4 = 16$$

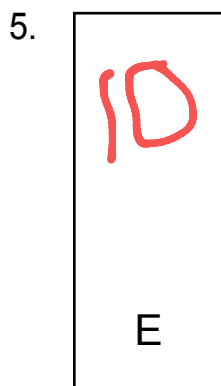
Find the area of each rectangle and the distance around it.



$$1 + 5 + 1 + 5 = 12 \text{ cm}$$



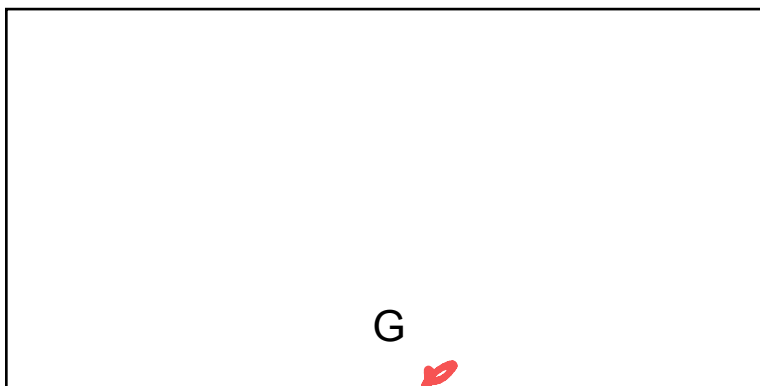
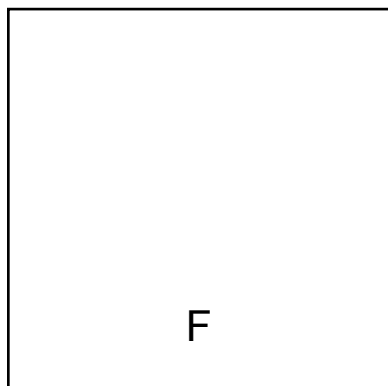
$$4 + 3 + 4 + 3 = 14 \text{ cm}$$



$$2 + 5 + 2 + 5 = 14 \text{ cm}$$

Name: _____

Date: _____



1. Find the perimeter of rectangle F with tiles.

$$2 + 2 + 2 + 2 = 8$$

2. Find the perimeter of rectangle G with tiles.

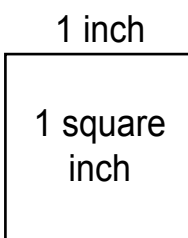
$$2 + 2 + 2 + 4 = 10$$

3. Find the area of rectangle F with tiles.

$$4 \text{ sq inches} = \underline{\text{inches}}$$

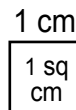
4. Find the area of rectangle G with tiles.

$$8 \text{ sq inches}$$



5. Find the perimeter of rectangle F with centimeter cubes.

$$5 + 5 + 5 + 5 = \underline{\text{centimeters}}$$



6. Find the perimeter of rectangle G with centimeter cubes.

$$10 + 10 + 5 + 5 = 30$$

7. Find the area of rectangle F with centimeter cubes.

$$5 \times 5 = 25 \text{ sq cm}$$

8. Find the area of rectangle G with centimeter cubes.

$$5 \times 10 = 50 \text{ sq cm}$$

Name: _____

Date: _____

Write only the answers.

15
62
117

$87 + 25 + 3 = 115$

5 by 2 = 10

$6 \times 1 = 6$

	4	5	2	9
+	5	3	8	5
	9	9	1	4

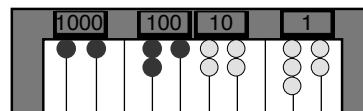
Find the perimeter in cm and the area in square cm.



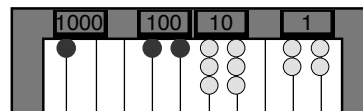
16 15

Fill in the missing place-value card numbers.

2000 + 300 + 40 + 5 2345



1000 + 200 + 50 + 4 1254



Write >, <, or = on the lines.

3×1 > $3 + 1$

1 inch < 1 cm

Draw a 4×3 array. How much is it? _____

Write this number in standard form.

seven thousand one hundred thirteen 7113

Write this number in words.

4807 four thousand eight hundred



Name: _____

Date: _____

Write only the answers.

$$\begin{array}{r} 17 \\ 61 \\ \hline 133 \end{array}$$

79 + 37 + 1 = 117

5 by 3 = 15^{cm}

1 x 4 = 4

3	5	3	8
+	4	7	5
	0	2	'

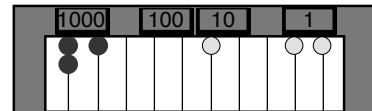
Find the perimeter in cm and the area in square cm.



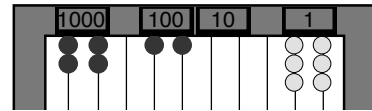
5 + 2 + 6 + 2 = 16^{cm} **cm or ?**
6 by 2 = 12 **Sq. cm**

Fill in the missing place-value card numbers.

3000 + 000 + 10 + 2 = 3012



4000 + 200 + 00 + 6 = 4206



Write >, <, or = on the lines.

2 x 2 = 2 + 2

1 cm < 1 inch

Draw a 3 x 4 array. How much is it?

12

Write this number in standard form.

eight thousand four hundred fifteen 8415

Write this number in words.

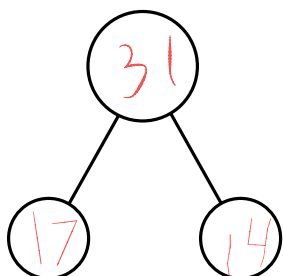
3260 three thousand and two hundred

and **Sixty**

Name: _____

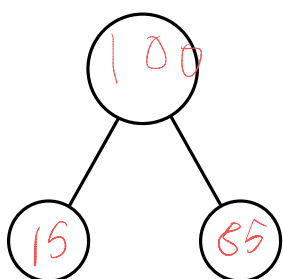
Date: _____

Solve the problems using the part-whole circles. Write the equations.



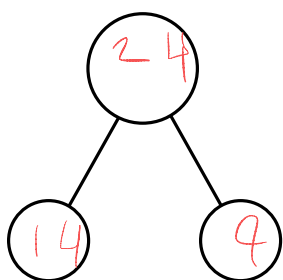
1. There are 17 boys and 14 girls in a chorus. How many children are in the chorus?

$$\underline{17 + 14 = 31}$$



2. Jack wants to buy a gift that costs one dollar. A dollar is 100 cents. Jack already has 85¢. How much more money does he need?

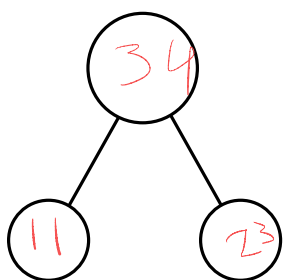
$$\underline{85 + 15 = 100}$$



3. Jill is packing 24 bagels in a bag. She has 9 bagels in the bag already. How many more bagels must she put into the bag?

$$\underline{14 + 9 = 24}$$

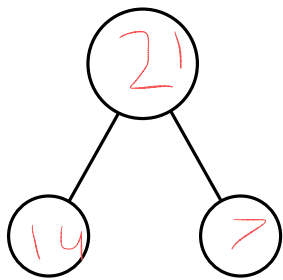
$$24 - 9 = 14$$



4. On Monday Kerry read 11 pages in a book. Now Kerry is on page 34. What page did Kerry start on?

$$\underline{11 + 23 = 34}$$

$$34 - 11 = 23$$



5. Some children were lined up. Fourteen more children join the line. Now there are 21 children. How many children were in line at the start?

$$\underline{14 + 7 = 21}$$

$$21 - 14 = 7$$

Name: _____

Date: _____

Ones and Twos Strategies

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
-1	0	1	2	3	4	5	6	7	8	9								
-2		0	1	2	3	4	5	6	7	8	9							
-3																		
-4																		
-5																		
-6																		
-7																		
-8																		
-9																		

Consecutive and Same Numbers Strategies

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
-1	0	1	2															
-2		0	1	2														
-3			0	1	2													
-4				0	1	2												
-5					0	1	2											
-6						0	1	2										
-7							0	1	2									
-8								0	1	2								
-9									0	1	2							

2 4 6 8 10
1 3 5 7 9

Name: _____

Date: _____

Tens and Near Tens Strategies

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
-1																		
-2																		
-3																		
-4																		
-5																		
-6																		
-7																		
-8																		
-9																		

Take from Five Strategies

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
-1	0	1	2	3	4	5	6	7	8	9								
-2		0	1	2	3	4	5	6	7	8	9							
-3			0	1	2	3	4	5	6	7	8	9						
-4				0	1	2	3	4	5	6	7	8	9					
-5					0	1	2	3	4	5	6	7	8	9				
-6																		
-7																		
-8																		
-9																		

Name: _____

Date: _____

Taking from Ten Strategies

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
-1																		
-2																		
-3																		
-4																		
-5																		
-6							0	1	2	3	4	5	6	7	8	9		
-7							0	1	2	3	4	5	6	7	8	9		
-8							0	1	2	3	4	5	6	7	8	9		
-9							0	1	2	3	4	5	6	7	8	9		

Subtraction Table

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
-1	0	1	2	3	4	5	6	7	8	9								
-2		0	1	2	3	4	5	6	7	8	9							
-3			0	1	2	3	4	5	6	7	8	9						
-4				0	1	2	3	4	5	6	7	8	9					
-5					0	1	2	3	4	5	6	7	8	9				
-6						0	1	2	3	4	5	6	7	8	9			
-7							0	1	2	3	4	5	6	7	8	9		
-8								0	1	2	3	4	5	6	7	8	9	
-9									0	1	2	3	4	5	6	7	8	9

$$6-1=5$$

$$7-2=5$$

$$8-3=5$$

$$9-4=5$$

$$15-9=6$$

$$15-6=9$$

$$15-7=8$$

$$15-8=7$$

Name: _____

Date: _____

Write only the answers.

7
70
~~||||~~

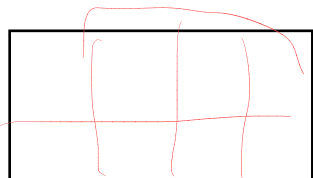
Write the answers.

$67 + 25 - 7 = 85$

4 by 3 = 12

$13 - 4 = 9$

Find the perimeter in cm and the area in square cm.



$4 + 4 + 2 + 2 = 12 \text{ cm}$
 $4 \times 2 = 8 \text{ sq cm}$

Add.

	5	6	8	3
+	3	3	5	6
	9	0	3	9

Fill in the subtraction table.

	9	10	11	12
-4	5	6	7	8
-5	4	5	6	7
-6	3	4	5	6
-7	2	3	4	5

Write >, <, or = on the lines.

$4 - 1 < 4 + 1$

$9 - 6 = 10 - 7$

$13 - 5 > 13 - 6$

3 inches > 3 cm

$8 - 6 = 7 - 5$

$9 - 8 < 0 + 6$

Explain two ways how to find $14 - 5$.

Name: _____

Date: _____

Write only the answers.

$$\begin{array}{r} 9 \\ \hline 30 \\ \hline 109 \end{array}$$

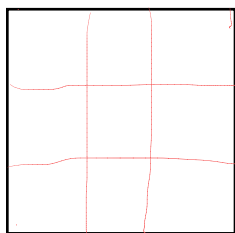
Write the answers.

$$74 + 15 - 4 = \underline{85}$$

$$3 \text{ by } 4 = \underline{12}$$

$$16 - 7 = \underline{9}$$

Find the perimeter in cm and the area in square cm.



$$\begin{array}{l} 3 + 3 + 3 + 3 = 12 \text{ cm} \\ \hline 3 \times 3 = 9 \text{ sq cm} \end{array}$$

Add.

$$\begin{array}{r} 4 \ 2 \ 7 \ 3 \\ + 2 \ 7 \ 8 \ 7 \\ \hline 7 \ 0 \ 6 \ 0 \end{array}$$

Fill in the subtraction table.

	10	11	12	13
-5	5	6	7	8
-6	4	5	6	7
-7	3	4	5	6
-8	2	3	4	5

Write >, <, or = on the lines.

$$5 + 2 \underline{>} 5 - 2$$

$$8 - 5 \underline{=} 11 - 8$$

$$14 - 6 \underline{<} 14 - 5$$

$$2 \text{ inches} \underline{>} 2 \text{ cm}$$

$$10 - 8 \underline{=} 5 - 3$$

$$9 + 7 \underline{>} 8 - 0$$

Explain two ways how to find $11 - 6$.

Name: _____

Date: _____

Pokémon

Complete the subtraction equations using only these numbers:

18, 20, 21, 24, 27, 30, 32, 35, 40, 45, 49, 50, 56, 60, and 64.

- | | |
|---------------------|------------|
| 1 = <u>21 - 20</u> | 21 = _____ |
| 2 = <u>20 - 10</u> | 22 = _____ |
| 3 = <u>24 - 21</u> | 23 = _____ |
| 4 = <u>24 - 20</u> | 24 = _____ |
| 5 = <u>45 - 40</u> | 25 = _____ |
| 6 = <u>27 - 21</u> | 26 = _____ |
| 7 = <u>27 - 20</u> | 27 = _____ |
| 8 = <u>40 - 32</u> | 28 = _____ |
| 9 = <u>40 - 40</u> | 29 = _____ |
| 10 = <u>40 - 3</u> | 30 = _____ |
| 11 = <u>32 - 21</u> | 31 = _____ |
| 12 = <u>30 - 10</u> | 32 = _____ |
| 13 = <u>40 - 27</u> | 33 = _____ |
| 14 = <u>49 - 35</u> | 34 = _____ |
| 15 = <u>35 - 20</u> | 35 = _____ |
| 16 = <u>56 - 40</u> | 36 = _____ |
| 17 = <u>35 - 18</u> | 37 = _____ |
| 18 = <u>40 - 24</u> | 38 = _____ |
| 19 = <u>49 - 30</u> | 39 = _____ |
| 20 = <u>40 - 20</u> | 40 = _____ |

10 - 2 = 8
40 - 32 = 8

11 + 21 = 32

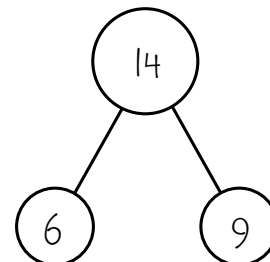
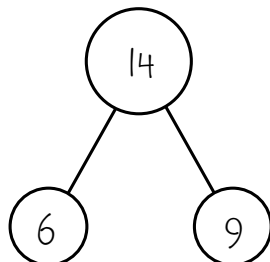
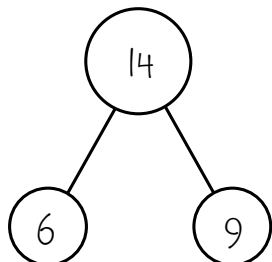
✓

✓

Name: _____

Date: _____

Fix the error three different ways.

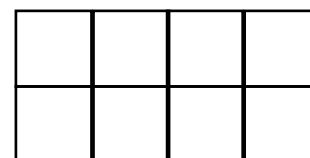


Fix the three errors in each table.

	11	12	13	14	15
-6	5	6	7	8	9
-7	4	5	8	7	8
-8	3	4	5	6	8
-9	2	4	4	5	6

+	4	5	6	7	8
6	9	10	11	12	13
6	10	11	12	13	14
7	11	12	13	14	1
8	12	13	4	15	16

Fix the array name.



5 by 3

Explain the errors; do not fix them.

	5	6	4	3
+	2	7	9	8
<hr/>				
	7	3	3	1

	2	5	2	6
+	2	3	3	3
<hr/>				
	5	9	6	9

$9 - 7 = 16$

$9 + 7 = 2$

Correct the errors.

five thousand fifteen 500015

3206 three thousand twenty-six

2000 + 400 + 10 241

Name: _____

Date: _____

Subtract.

$68 - 42 = \underline{26}$

$170 - 134 = \underline{\quad}$

$87 - 39 = \underline{48}$

$141 - 36 = \underline{\quad}$

$93 - 79 = \underline{14}$

$122 - 96 = \underline{\quad}$

$193 - 114 = \underline{79}$

$66 - 42 = \underline{\quad}$

$56 - 31 = \underline{25}$

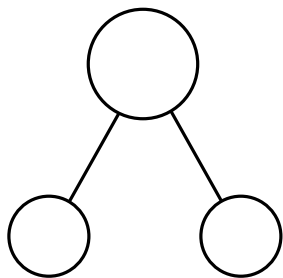
$105 - 69 = \underline{\quad}$

$100 - 47 = \underline{53}$

$100 - 18 = \underline{\quad}$

$100 - 85 = \underline{15}$

$100 - 36 = \underline{\quad}$



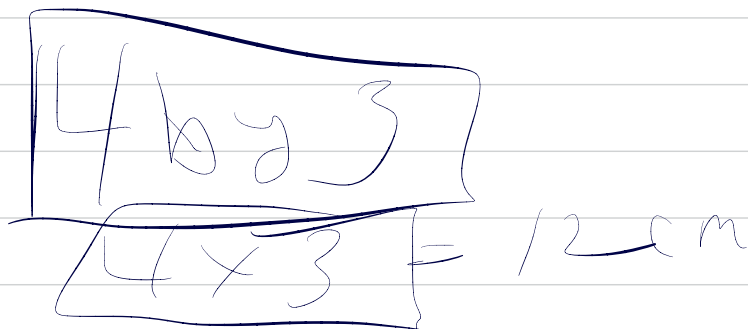
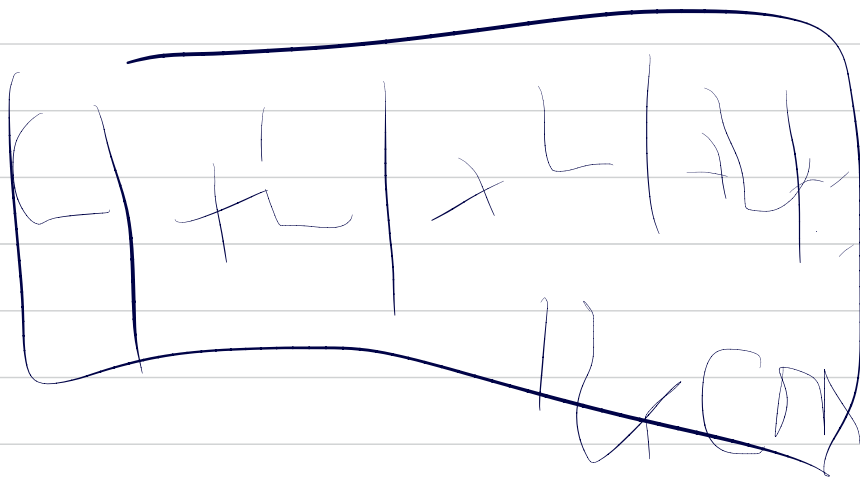
There are 123 animals altogether at a zoo. The zoo workers still have 87 animals to feed. How many animals have they already fed?

Explain two ways how to find $53 - 24$.

$$6\text{cm} + 5\text{cm} + 8\text{cm} = 4 \cdot 4\text{cm}$$

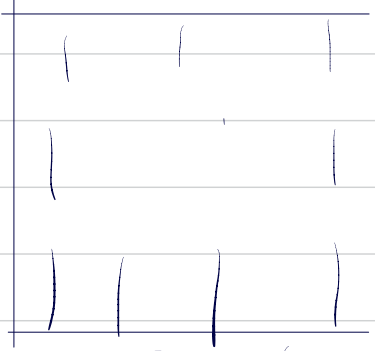
$$5\text{cm} + 6\text{cm} = 11\text{cm}$$

$$16\text{cm} + 16\text{cm} + 16\text{cm} = 50\text{cm}$$



24

24



24

24

Name: _____

Date: _____

Write only the answers.

$$\begin{array}{r} 9 \\ \hline 52 \\ \hline 70 \end{array}$$

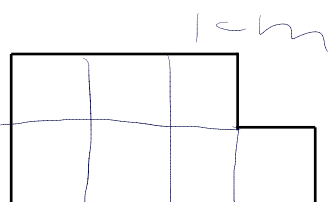
Write the answers.

$$(67) + 25 + (13) = \underline{105}$$

$$5 \text{ by } 4 = \underline{20}$$

$$47 - 9 = \underline{38}$$

Find the perimeter in cm and the area in square cm.



$$\begin{array}{r} 4 + 2 + 4 + 2 = 12 \text{ cm} \\ \hline 3 \times 2 + 1 = 7 \text{ cm}^2 \end{array}$$

Fix the answer.

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

7

Find the differences.

$$42 - 28 = \underline{14}$$

$$100 - 63 = \underline{37}$$

$$123 - 49 = \underline{74}$$

Write >, <, or = on the lines.

$$10 - 2 \underline{=} 11 - 3$$

$$9 - 6 \underline{>} 10 - 6$$

$$15 - 6 \underline{>} 15 - 7$$

$$1 \text{ cm} \underline{<} 2 \text{ cm}$$

$$18 + 6 \underline{=} 19 + 5$$

$$9 - 8 \underline{>} 9 - 1$$

Explain two ways how to find $87 - 39$.

$$\underline{50 - 2 = 48}$$

Name: _____

Date: _____

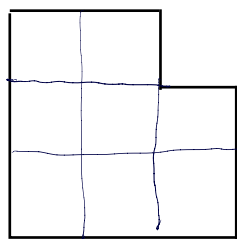
Write only the answers.

4
67
82

Write the answers.

$74 + 15 + 16 = \underline{105}$
 $3 \text{ by } 5 = \underline{15 \text{ cm}}$
 $56 - 7 = \underline{49}$

Find the perimeter in cm and the area in square cm.



$3 + 3 + 3 = 9$

Fix the answer.

	4	2	7	3
+	2	7	8	7
	7	0	6	0

Find the differences.

$63 - 25 = \underline{42}$
 $100 - 74 = \underline{36}$
 $137 - 59 = \underline{122}$

Write >, <, or = on the lines.

$5 - 2$ < $7 - 4$

2 cm < 3 cm

$8 - 7$ < $11 - 7$

$13 - 8$ < $13 - 9$

$14 - 6$ > $14 - 5$

$9 + 17$ > $8 + 18$

Explain two ways how to find $46 - 18$.

28

$$9\text{in} + 8\frac{1}{2}\text{in} = 17\frac{1}{2}$$

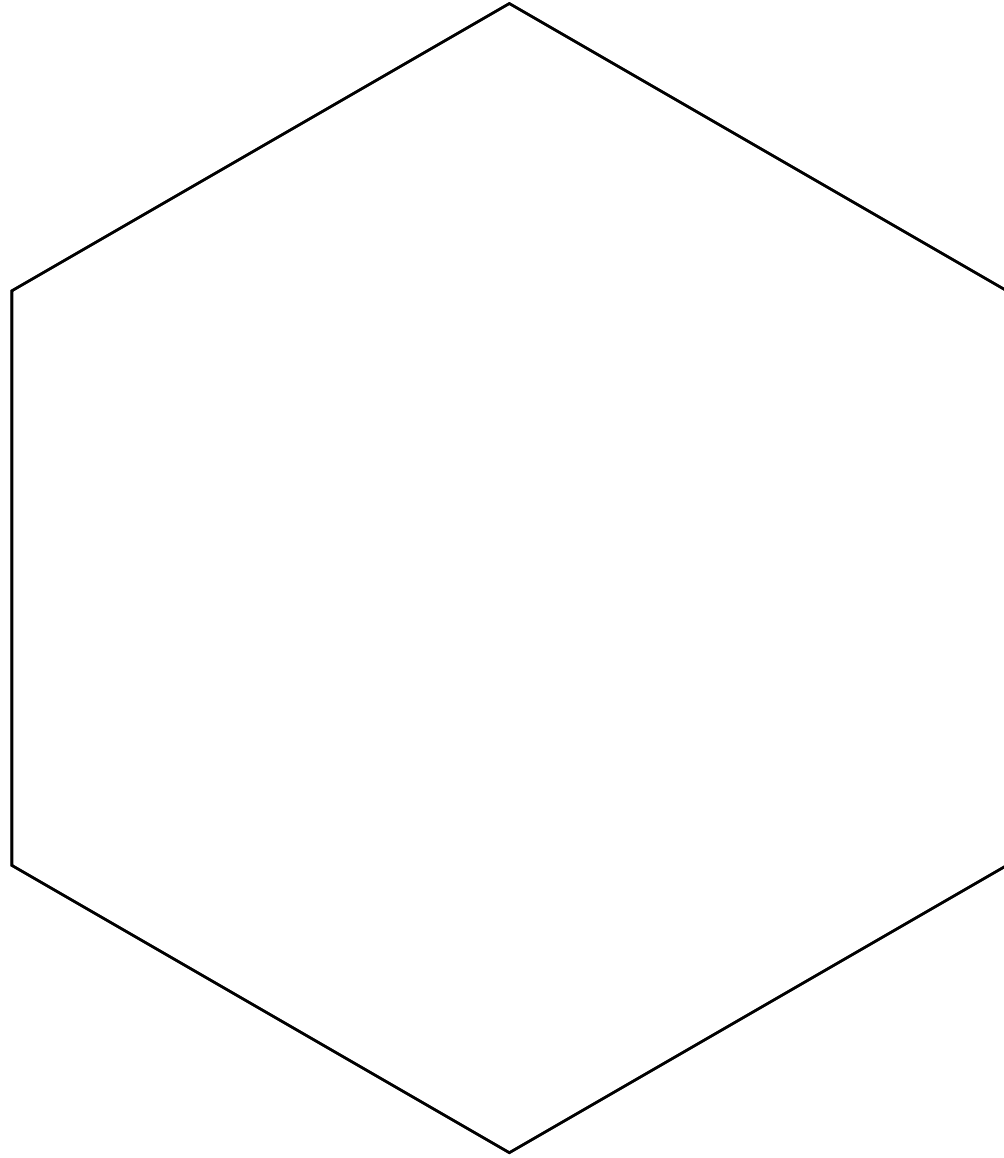
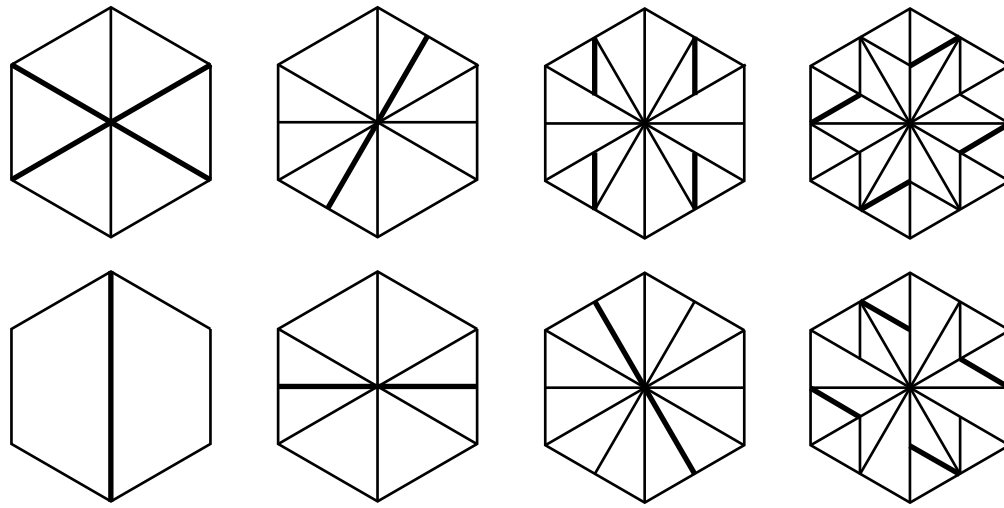
$$6\frac{1}{2} + 6\frac{1}{2} + 6\frac{1}{2}$$

$$= 19\frac{1}{2}$$

Worksheet 41, Drawing Another Star in a Hexagon

Name: _____ Date: _____

Draw a star according to the instructions below.

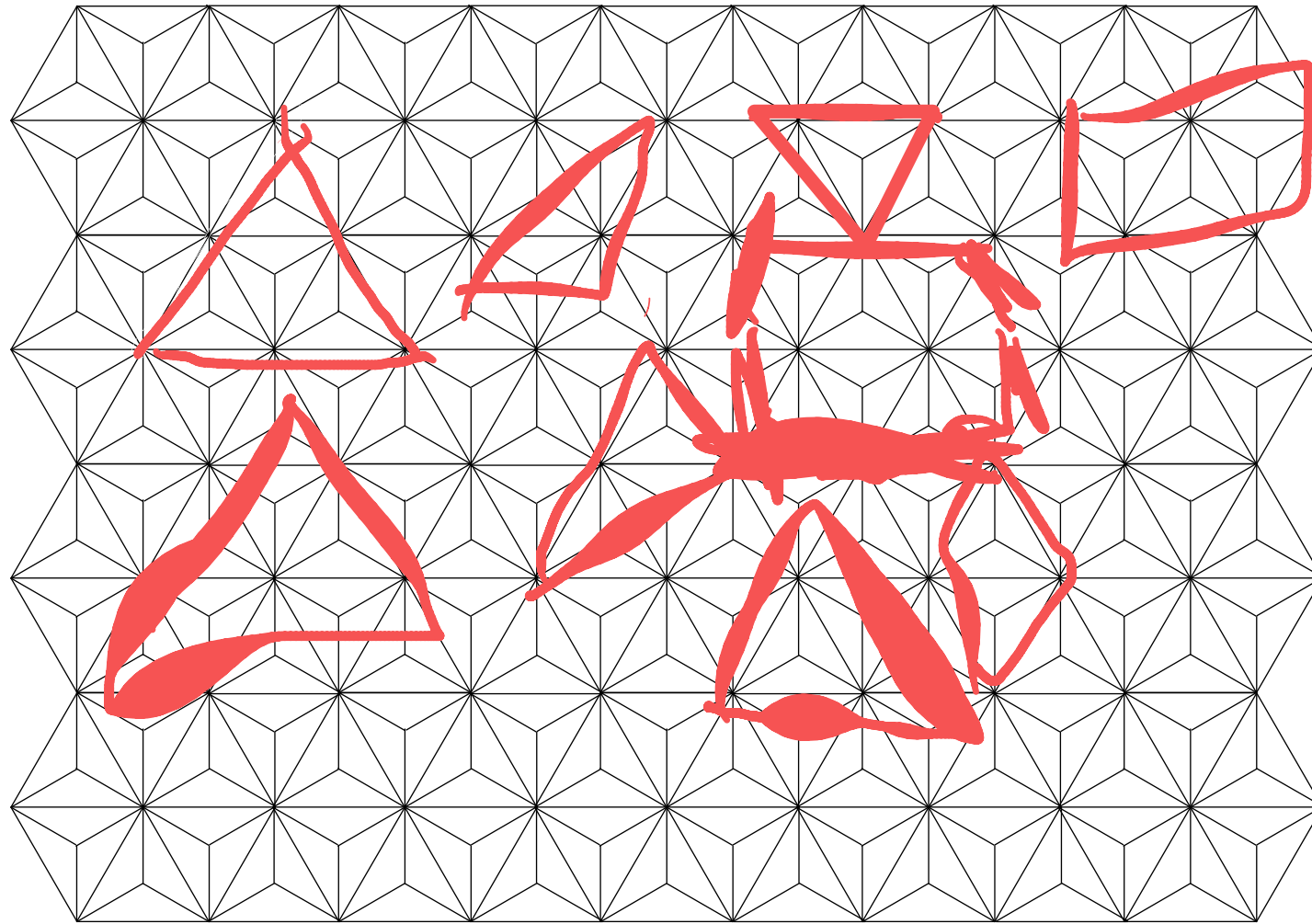


Find the perimeter of the hexagon in inches. _____

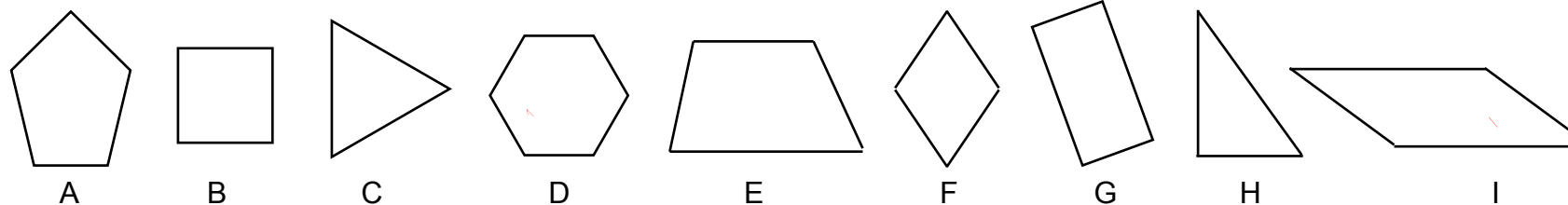
Find the perimeter of the star in inches. _____

Name: _____ Date: _____

1. Outline 3 equilateral triangles of different sizes.
2. Outline a triangle that is not equilateral.
3. Outline a rhombus.
4. Outline a parallelogram that is not a rhombus.
5. Outline 2 trapezoids of different sizes.
6. Outline 3 regular hexagons of different sizes.
7. Outline 1 hexagon that is not regular.



Name: _____ Date: _____



Name of polygon	Which letter?	Are all sides equal?	Are all angles equal?	Regular polygon?	Does it have symmetry?	Number of sets of parallel lines
Rectangle	G	N	N	N		2
Rhombus	F	Y	Y	Y		2
Regular hexagon	D	Y	Y	Y		3
Pentagon	A	N	N	N		0
Right triangle	H	N	N	N		0
Equilateral triangle	C	Y	Y	Y		0
Parallelogram	I	N	N	N		2
Square	B	Y	Y	Y		2
Trapezoid	E	N	N	N		1

Use your chart to help you answer some of the following questions.

- How many of the polygons have all sides equal? 4
- How many of the polygons have all angles equal? 4
- How many of the polygons are regular? 2
- Which polygon has the most sets of parallel lines? U
- How many of the polygons are quadrilaterals? 6
- How many of the polygons are not quadrilaterals? 3

Name: _____

Date: _____

Write only the answers.

$$\begin{array}{r} 62 \\ 99 \\ \hline 200 \end{array}$$

Write the answers.

$$4\frac{1}{2} + 2\frac{1}{2} = 7$$

$$5 \times 4 = 20$$

$$1 - \frac{1}{2} = \frac{1}{2}$$

Draw lines to match each drawing to the words.

rhombus

hexagon

equilateral triangle

right triangle

cm

inch

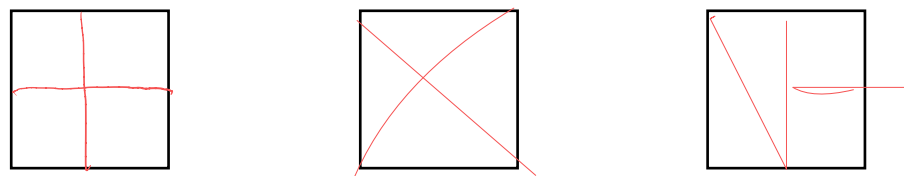
trapezoid

pentagon

Sam had 5729 trees and planted
367 more trees. How many trees does
Sam have now? 6096

	5	7	2	9
+		3	6	7
	6	0	9	6

Divide the rectangle into equal quarters three different ways.



Name: _____

Date: _____

Write only the answers.

$$\begin{array}{r} 71 \\ 92 \\ \hline 90 \end{array}$$

Write the answers.

$$3\frac{1}{2} + 4\frac{1}{2} = \underline{\cancel{8}}$$

$$4 \times 3 = \underline{12}$$

$$1\frac{1}{2} - \frac{1}{2} = \underline{1}$$

Draw lines to match each drawing to the words.

parallelogram
 hexagon
 equilateral triangle
 30-60 triangle
 centimeter
 pentagon
 inch
 trapezoid

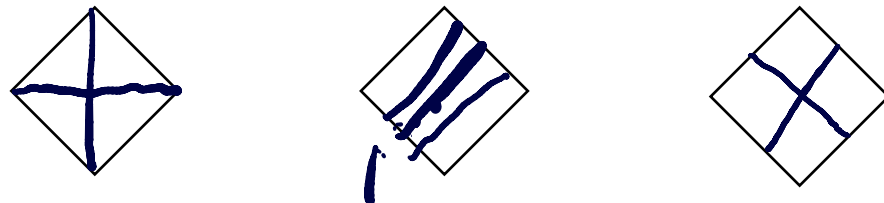
$$\begin{array}{r} 7692 \\ + 256 \\ \hline \end{array}$$

The library received 256 new books. They already had 7692. How many books does the library have now? 7948

7	6	0	2
	2	5	6
	2	4	8

$$\begin{array}{r} 7692 \\ + 256 \\ \hline 7948 \end{array}$$

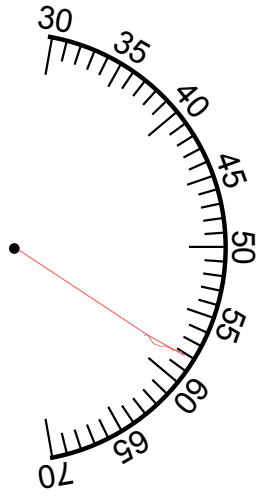
Divide the square into equal fourths three different ways.



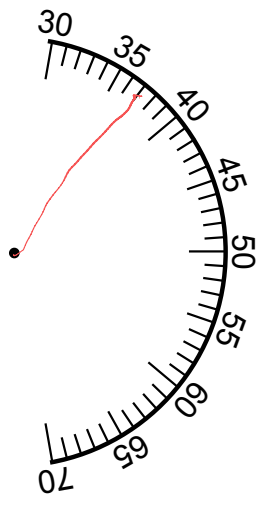
Name: _____

Date: _____

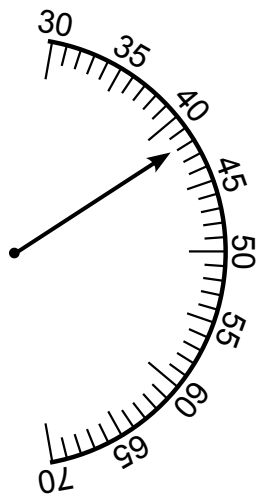
Draw the arrow for 58.



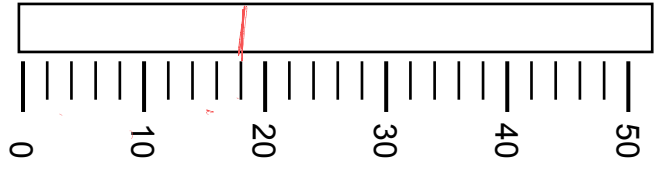
Draw the arrow for 37.



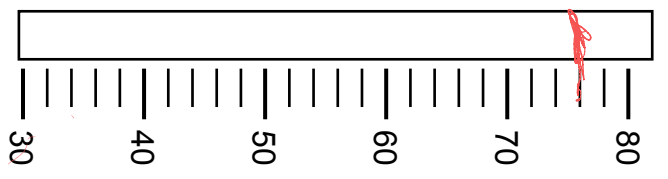
Read the dial. 42



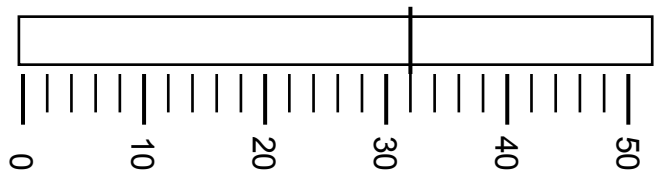
Draw line for 18.



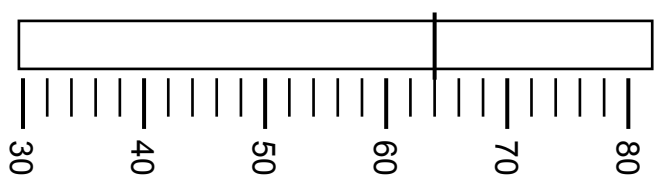
Draw line for 76.



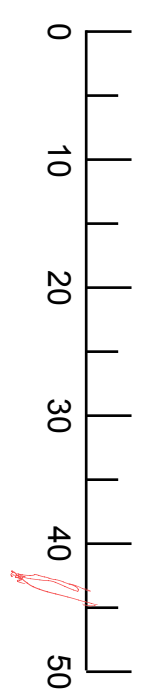
Read. 32



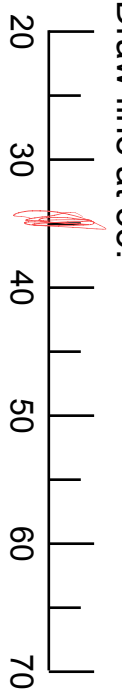
Read. 64



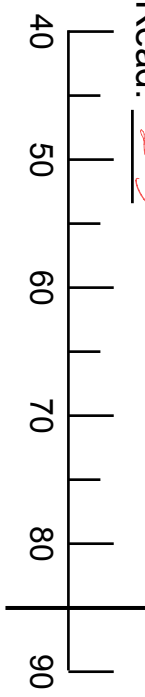
Draw line at 45.



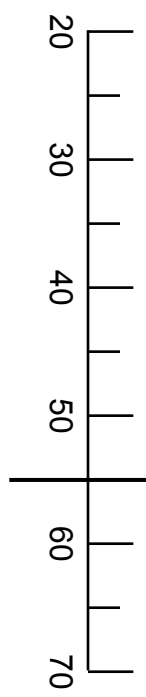
Draw line at 35.



Read. 85

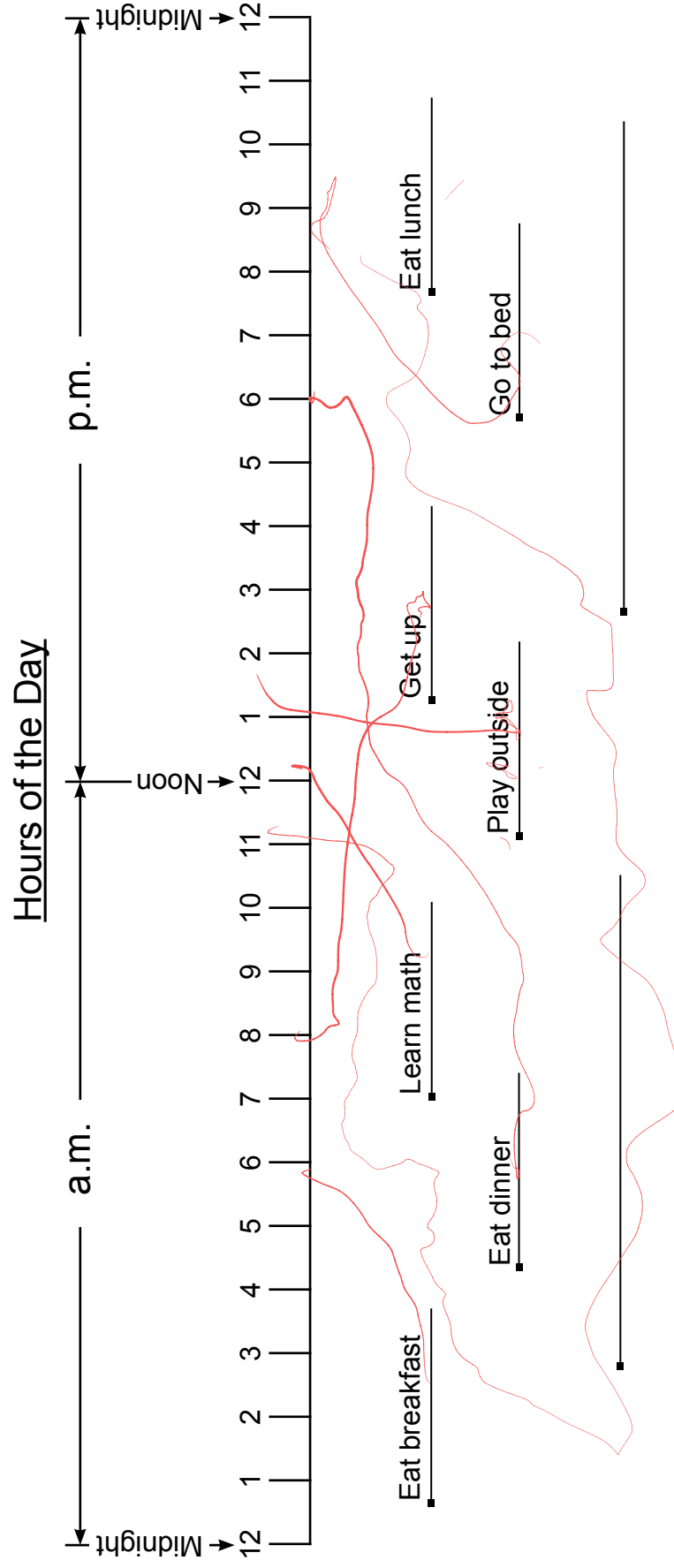


Read. 55



Name: _____ Date: _____

Draw lines to connect the activities to the hour of the day. Write your own activities on the blank lines.



1. When does a day start? _____
2. What is special about noon? _____
3. How many hours in a day? _____
4. When do we use a.m.? _____
5. When do we use p.m.? _____
6. How long does it take the hour hand to go from 2 to 3? _____

Name: _____

Date: _____

Draw lines to match the digital clocks to the analog clocks.

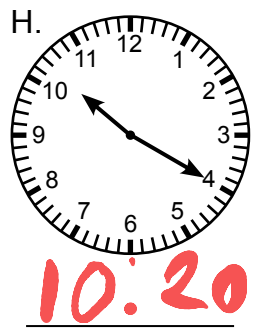
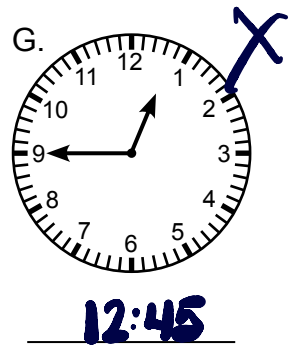
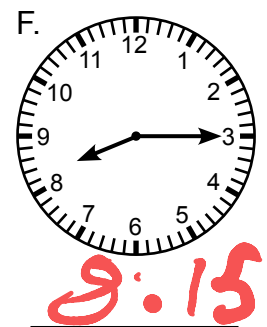
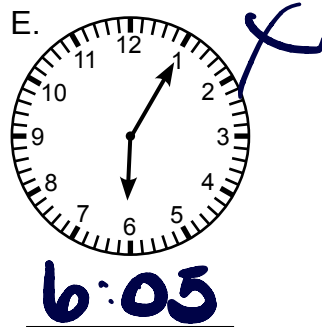
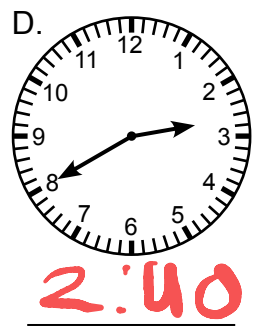
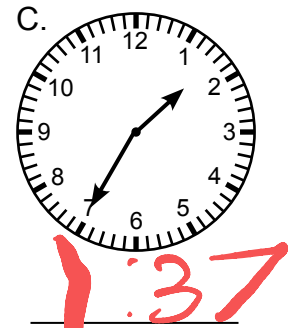
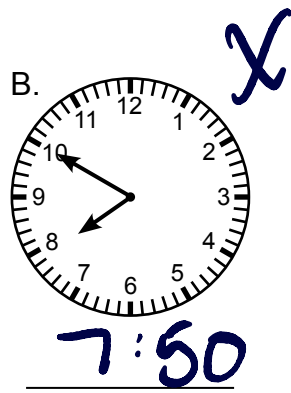
The image shows a matching exercise. In the center, there is a vertical column of 12 digital clocks, each in a rounded rectangular box, with times from 8:00 to 8:55 in 5-minute increments. On either side of this column are 12 analog clocks, each with a 12-hour face and two hands. Red lines connect the digital times to the corresponding analog clock faces. The connections are as follows:

- 8:00 is connected to the analog clock at the top left.
- 8:05 is connected to the analog clock at the top right.
- 8:10 is connected to the analog clock in the second row on the right.
- 8:15 is connected to the analog clock in the second row on the left.
- 8:20 is connected to the analog clock in the third row on the left.
- 8:25 is connected to the analog clock in the third row on the right.
- 8:30 is connected to the analog clock in the fourth row on the left.
- 8:35 is connected to the analog clock in the fourth row on the right.
- 8:40 is connected to the analog clock in the fifth row on the right.
- 8:45 is connected to the analog clock in the fifth row on the left.
- 8:50 is connected to the analog clock in the sixth row on the right.
- 8:55 is connected to the analog clock in the sixth row on the left.

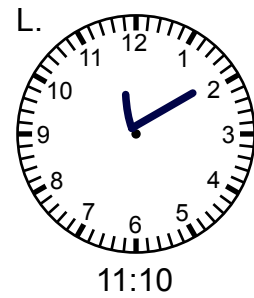
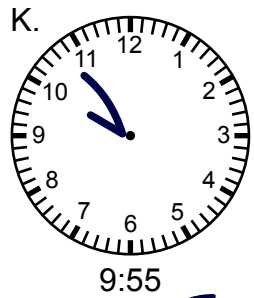
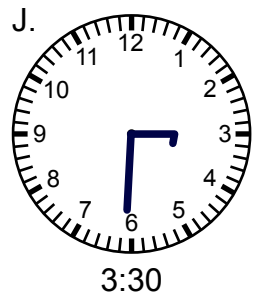
Name: _____

Date: _____

Write the time.



Draw the hands X

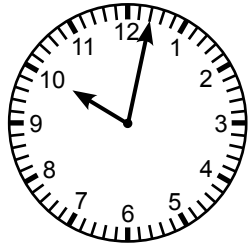


- X Which clock shows a quarter after? _____
- X Which clock shows half past? _____
- X Which clock shows a quarter to? _____

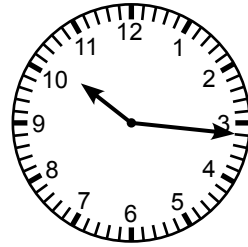
Name: _____

Date: _____

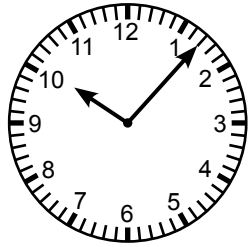
Draw lines to match the digital clocks to the analog clocks.



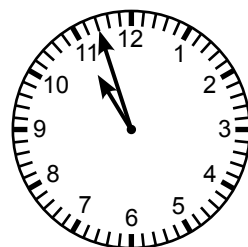
10:02



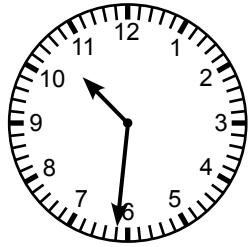
10:07



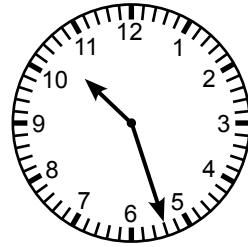
10:14



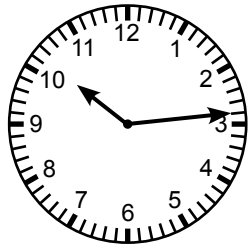
10:16



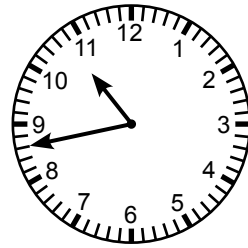
10:22



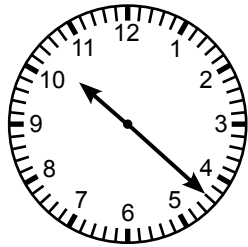
10:27



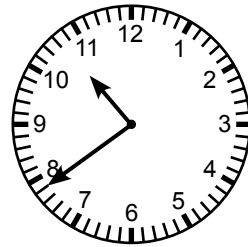
10:31



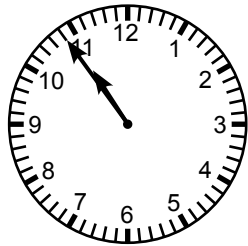
10:39



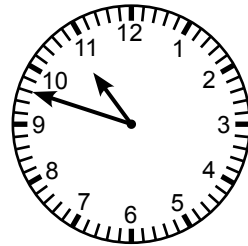
10:43



10:48



10:54



10:57

Name: _____

Date: _____

Write only the answers.

$$\begin{array}{r} 27 \\ - 2 \\ \hline 25 \end{array}$$

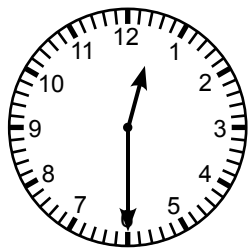
Write the answers.

$$\frac{1}{2} \text{ hour} + \frac{1}{2} \text{ hour} = \underline{1}$$

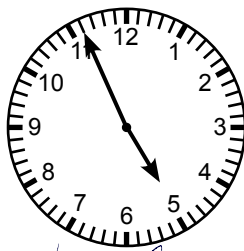
$$13 - 4 = \underline{9}$$

$$11 - 6 = \underline{5}$$

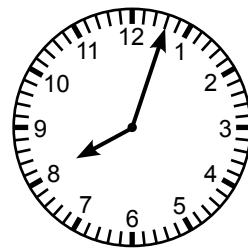
Write the time.



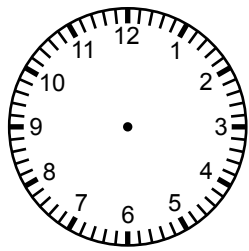
2:30



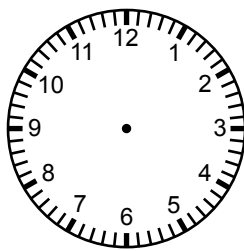
4:56



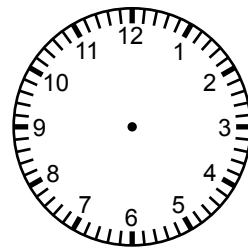
Draw the hands.



7:10



3:22



5:48

Solve the problem.

Alex jumped rope 499 times and Adrian jumped 501 times. Who jumped more and how much more? 2

Use > for "is after." Use < for "is before." Use = for "is the same as."

half past 10 > 10:15

11:45 a.m. < 1:10 p.m.

quarter to 1 = 12:45

quarter to 2 = quarter after 2

Write this number in words.

6411 Six thousand four hundred eleven

Name: _____

Date: _____

Write only the answers.

$$\begin{array}{r} 33 \\ 3 \\ \hline 101 \end{array}$$

$$\begin{array}{r} 297 \\ 15 \\ \hline 30 \\ 45 \end{array}$$

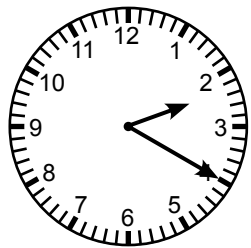
Write the answers.

$$1 \text{ hour} - \frac{1}{2} \text{ hour} = \frac{1}{2} \text{ hour}$$

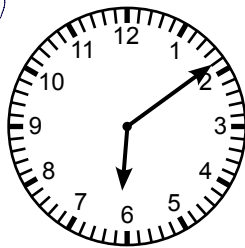
$$14 - 5 = 9$$

$$12 - 7 = 5$$

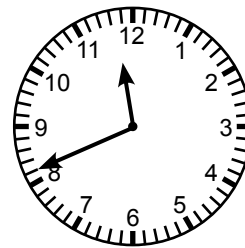
Write the time.



2:40

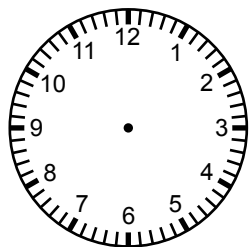


6:09

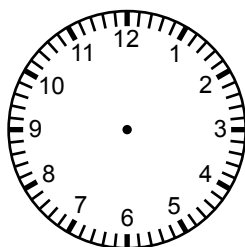


11:41

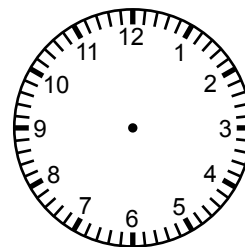
Draw the hands.



3:45



1:29



9:13

Solve the problem.

Tyler read 400 pages altogether. Val read 390 pages. Who read more pages and how many more? _____

10

Use > for "is after." Use < for "is before." Use = for "is the same as."

quarter to 7 < 6:45

3:45 p.m. > 6:50 a.m.

quarter after 9 < 9:45

half past 3 < 3:30

Write this number in words.

4213 four thousand two hundred thirteen

four thousand + 110

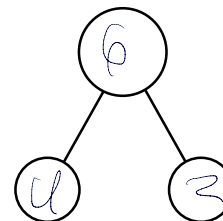
Name: _____

Date: _____

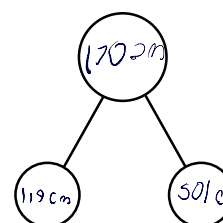
Write the equations and solve the problems.

1. Mr. Black is 6 feet tall. His son is 4 feet tall. How much taller is the father?

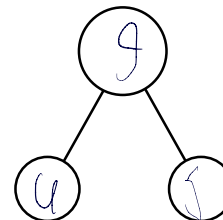
2 feet



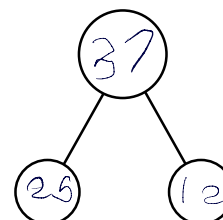
2. Mrs. Jackson is 170 cm tall. Her daughter is 119 cm tall. How much taller is the mother?



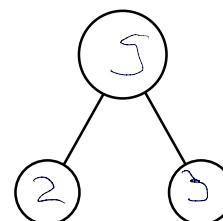
3. Jasmine has five pillows. Oliver has four more pillows than Jasmine. How many pillows does Oliver have?



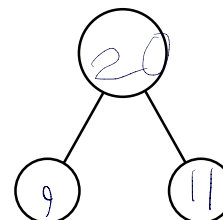
4. Logan has 12 more cherries than Matt. Matt has 25 cherries. How many cherries does Logan have?



5. Shauna has 3 more flowers than Jacob. Shauna has 5 flowers. How many flowers does Jacob have?



6. James has 20 grapes. James has 11 more grapes than Lily. How many grapes does Lily have?



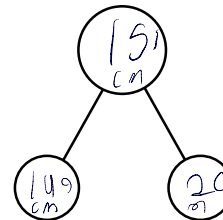
Name: _____

Date: _____

Write the equations and solve the problems.

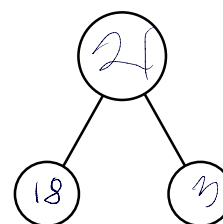
1. Brandon is 2 cm shorter than his twin, Kayla. Brandon is 149 cm tall. How tall is Kayla?

$$\underline{149 \text{ cm} + 2 \text{ cm} = 151 \text{ cm}}$$



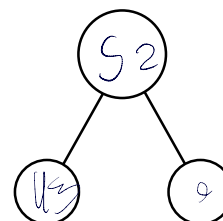
2. Michaela practiced her violin 21 hours last month and 18 hours this month. How much less time did she practice this month?

$$\underline{21 - 18 = 3} \quad \downarrow$$



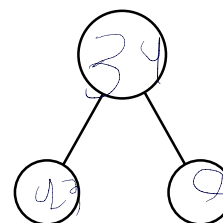
3. Joshua's team scored 9 fewer points than Noah's team. Joshua's team scored 43 points. How many points did Noah's team score?

$$\underline{43 + 9 = 52}$$



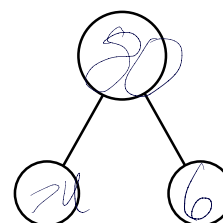
4. Joshua's team scored 9 fewer points than Noah's team. Noah's team scored 43 points. How many points did Joshua's team score?

$$\underline{43 - 9 = 34}$$



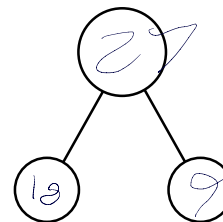
5. Emily's apple weighs 80 grams. Sophie's apple weighs 6 grams less than Emily's apple. How much does Sophie's apple weigh?

$$\underline{80 - 6 = 74}$$



6. The Wang family traveled 18 miles to a game. The Soto family traveled 27 miles. How many miles less did the Wang family travel?

$$\underline{27 - 18 = 9}$$



$$95 - 15 = 80$$

$$75 - 20 = 55$$

$$170 - 15 = 155$$

~~5~~

$$150 - 15 =$$

135

Name: _____

Date: _____

Write the equations and find the answers with the base-10 cards.

1. The city of Logan, Utah is 4534 feet above sea level. The city of Billings, Montana is at 3123 ft. How much higher is Logan than Billings?

$$\underline{1411}$$

2. The Appalachian Mountains have a peak of 6684 feet. Sugarloaf Mountain in Maryland is 1283 feet high. How much taller is the Appalachian peak?

$$\underline{5401}$$

3. The distance between New York and Hawaii is 4858 miles. The distance between New York and England is 3296 miles. How much closer is New York to England than to Hawaii?

$$\underline{1562}$$

Subtract the following with base-10 cards and write the differences.

4.

	4	5	3	4
-	2	4	1	8
	2	1	1	6

5.

	5	0	7	2
-	2	5	4	5
	2	5	2	3

6.

	6	4	9	1
-	5	7	8	5
	0	7	0	6

7.

	7	0	8	0
-	3	8	2	9
	3	2	5	1

8.

	8	2	1	5
-	5	4	3	7
	2	7	7	8

9.

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

$$85 - 15 = 70 \quad 85 - 20 = 65 \quad 160 - 15 = 145$$

$$100 - 15 = 85$$

↳

Worksheet 57, Subtracting on Side 2 of the AL Abacus

Name: _____

Date: _____

Subtract using side 2 of the abacus.

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

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

If you would like, make up your own numbers to subtract.

$$95 - 20 = 75$$

$$75 - 15 =$$

65

$$30 -$$

$$15 = 15$$

$$120 - 20 = 100$$

Name: _____

Date: _____

Subtract using your abacus.

1.

	6	8	2	9
-	2	6	3	7
<hr/>				
	4	1	9	2

2.

	7	0	9	4
-	3	5	2	8
<hr/>				
	2	5	6	6

3.

	6	8	3	4
-	1	5	6	3
<hr/>				
	5	2	7	1

4.

	3	4	5	8
-	1	8	2	5
<hr/>				
	1	6	3	3

5.

	4	0	5	8
-	2	7	4	9
<hr/>				
	1	3	0	9

6.

	9	2	4	7
-	5	6	6	5
<hr/>				
	3	5	8	2

7.

	4	5	3	4
-	2	4	1	8
<hr/>				
	2	1	1	6

8.

	5	0	7	2
-	2	5	4	5
<hr/>				
	2	5	2	7

9.

	6	4	9	1
-	5	7	8	5
<hr/>				
	0	7	0	6

10.

	7	0	8	0
-	3	8	2	9
<hr/>				
	3	2	5	1

11.

	8	2	1	5
-	5	4	3	7
<hr/>				

12.

	9	2	4	7
-	5	6	8	5
<hr/>				

Name: _____

Date: _____

Subtract.

Write a 4-digit number with a 0 in the ones place. Subtract the number without the 0.

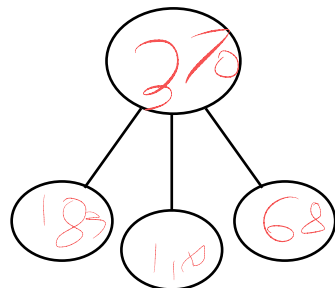
	3	5	7	0
-		3	5	7
	3	2	1	3
-		3	5	7
	2	8	5	6
-		3	5	7
	2	0	9	9
-		3	5	7
	2	1	4	2
-		3	5	7
	1	7	8	5
-		3	5	7
	1	4	2	8
-		3	5	7
	1	0	7	1
-		3	5	7
	7	4	1	
-		3	5	7
	3	5	7	
-		3	5	7
	0	0	0	0

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

	6	6	6	0
-		6	6	6
	5	9	9	4
	6	6	6	
	5	3	2	8
	6	6	6	
	5	6	6	2
	6	6	6	
	9	9	6	
	6	6	6	
	3	3	3	0
	6	6	6	
	3	6	6	4
	6	6	6	
	2	9	9	8
	6	6	6	
	2	3	3	2
	6	6	6	
	1	6	6	6
	6	6	6	
	0	0	0	

Solve the problem.

The total distance from Windsor, Canada, to Toronto is 370 km. The distance from Windsor to London is 183 km. The distance from London to Hamilton is 119 km. What is the distance from Hamilton to Toronto?



$$370 - 183 = 119$$

$$119 - 119 = 68$$

Name: _____

Date: _____

Write only the answers.

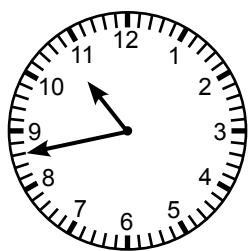
Write the answers.

$38 + 78 =$ _____

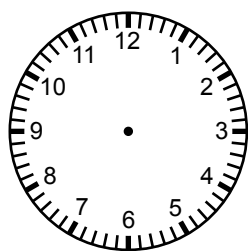
$206 + 49 =$ _____

$306 - 293 =$ _____

Write the time.



Draw the hands.



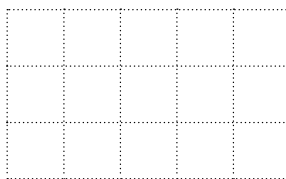
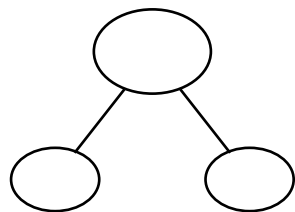
12:20

Subtract.

	4	0	8	5
-	3	8	6	9

Solve the problem.

The Scenic bus drove 2847 km. The Touring bus drove 529 km farther than the Scenic bus. How far did the Touring bus drive?



Write $>$, $<$, or $=$ on the lines.

2086 _____ 2806

$5371 - 100$ _____ 5271

$4253 - 256$ _____ $4253 + 256$

$399 + 2$ _____ 301

$54 - 11$ _____ $54 - 13$

$6000 - 1$ _____ 5999

Explain what is wrong with this thinking.

$64 - 27 = 43$. $60 - 20$ is 40 and $7 - 4$ is 3. So the answer is $40 + 3 = 43$.

Name: _____

Date: _____

Write only the answers.

$$\begin{array}{r} 68 \\ 22 \\ \hline 105 \end{array}$$

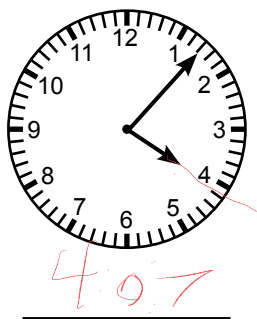
Write the answers.

$$47 + 86 = 133$$

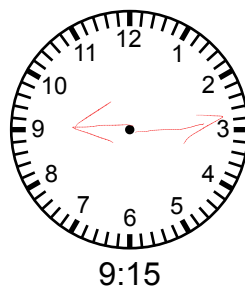
$$307 + 58 = 365$$

$$504 - 497 = 7$$

Write the time.



Draw the hands.



Subtract.

	7	8	8	6
-	5	8	6	7
	2	0	1	9

Solve the problem.

The Rail train traveled 1847 km. The Trax train traveled 2073 km. How much farther did the Trax train travel?

2073

1847

2	0	7	3
-	1	8	4
0	2	2	0

Write >, <, or = on the lines.

$5901 > 5091$

$7126 - 1000 < 5126$

$8146 - 789 < 8146 + 789$

$499 + 2 < 501$

$47 - 14 < 47 - 12$

$7000 - 1 < 7999$

Explain what is wrong with this answer.

$47 - 29 = 22$. $40 - 20$ is 20 and $9 - 7$ is 2. So the answer is $20 + 2 = 22$.

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$1 + 1 = 2$	$2 + 2 = 4$	$1 + 2 = 3$
$1 + 2 = 3$	$2 + 4 = 6$	$3 + 2 = 5$
$1 + 3 = 4$	$2 + 6 = 8$	$5 + 2 = 7$
$1 + 4 = 5$	$6 + 2 = 8$	$7 + 2 = 9$
$1 + 5 = 6$	$8 + 2 = 10$	
$1 + 6 = 7$	$2 + 8 = 10$	
$1 + 7 = 8$		
$1 + 8 = 9$		
$1 + 9 = 10$		
$10 = 1 + 9$	$11 = 2 + 9$	$9 = 1 + 8$
$10 = 2 + 8$	$11 = 3 + 8$	$9 = 2 + 7$
$10 = 3 + 7$	$11 = 4 + 7$	$9 = 3 + 6$
$10 = 4 + 6$	$11 = 5 + 6$	$9 = 4 + 5$
$10 = 5 + 5$	$11 = 6 + 5$	$9 = 5 + 4$
$10 = 6 + 4$	$11 = 7 + 4$	$9 = 6 + 3$
$10 = 7 + 3$	$11 = 8 + 3$	$9 = 7 + 2$
$10 = 8 + 2$	$11 = 9 + 2$	$9 = 8 + 1$
$10 = 9 + 1$		
$10 = 10 + 0$		
10	11	9

