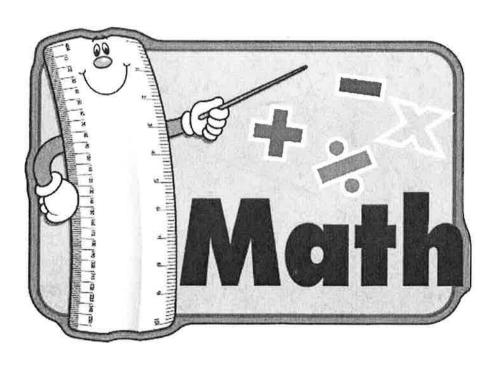
Summer Summer Math Packet



Name:_____

Date:

3	7	4	6	8	10	2	7
		<u>x9</u>	x2	x6	x3	<u>x9</u>	x9
		_			4	-	6
3	2	5	9	6	4	5	
<u>x1</u>	<u>x5</u>	x8	<u>x4</u> .	<u>x7</u>	<u>x3</u>	<u> </u>	<u> </u>
5	4	7	4	9	9	9	0
		x <u>5</u>					
_			_	1	(5	2
9	10		5		6		
<u>x6</u>	x4	<u>x4</u>	<u>x'/</u>	X4	XI	<u>x1</u>	X0
9	9	0	4	7	7	9	1
_	<u>x7</u>	<u>x1</u>	x4	x 2	x8	<u>x10</u>	x4
	100						
		1	5	2	2	9	8
8	1	1		2			
xl		x4	X/	X1	X9		AJ
6	1	1	6	3	5	5	3
x5	x10	x2	x9	x4	x3	x3	<u>x2</u>
; 							
4	0	6	0	1	7	0	8
1	0	6	5	1 22	7 ~2 Q		
X3	XU	<u>x5</u>	X3	XJ			AI
9	3	7	9	5	1	9	3
x9	x9	x9	x9	x5	x6	x3	<u>x6</u>
N 111 1122-1 2-	\$) 					
2	4	0	2	0	7	7	8
8	1	9		ა 10	v^)	v6	
<u>x5</u>	X	x3	X3	X10	Da hos		- AJ

Paula has 6 boxes of peanuts. Each box holds 4 peanuts. How many peanuts does Paula have?

Eric has 3 boxes of pencils. Each box holds 9 pencils. How many pencils does Eric have?

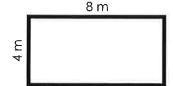
	36	
		-
140		
		:*

Start Time	End Time	Elapsed Time
6:40 A.M.	10:28 A.M.	
	1:56 P.M.	2 Hours & 36 Minutes

(Area of a Rectangle)

To find the area of a rectangle, multiply the length by the width.

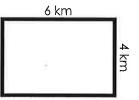
example:



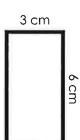
area = $4 \text{ m} \times 8 \text{ m} = 32 \text{ square meters}$

Find the area of each rectangle by multiplying

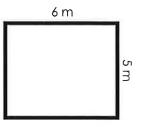
a.



b.



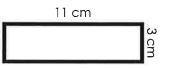
C.



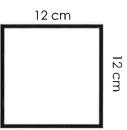
area = __

d.



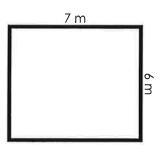


f.

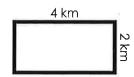


 $area = _{-}$

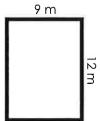
g.



h.



i.



area = _____ area = ___



Rounding to Tens & Hundreds

Name:

	Rounding	to Tens & Hundreds	Name:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Re	ound each number as described.	* Challenge	problems	Answers
* 1) Round to the nearest ten.	3,600	=	1
2	Round to the nearest ten.	73	. .	2.
*3	Round to the nearest hundred.	79,639	-	3
4	Round to the nearest ten.	7,867	-	4.
* 5	Round to the nearest hundred.	38,484		5.
* 6	Round to the nearest ten.	8,569	ē.	6.
* 7	Round to the nearest hundred.	91,927	-	7.
8) Round to the nearest hundred.	302	e -	8.
*9) Round to the nearest hundred.	69,065	4	9,
10) Round to the nearest ten.	10	-	10
11) Round to the nearest ten.	61	-	11,
*12) Round to the nearest ten.	2,535	-	12
13) Round to the nearest hundred.	919	.	13.
14) Round to the nearest ten.	11	-	14
½ 15) Round to the nearest ten.	4,969		15,
* 16) Round to the nearest hundred.	35,946	-	16
¥ 17) Round to the nearest hundred.	43,214		17
18) Round to the nearest hundred.	696		18.
19	Round to the nearest ten.	162	<u>.</u>	19.
* 20	Round to the nearest ten.	5,460	1 10 05 00 85 80	20.

Date:_____

3	9			9	1	8	9
<u>x2</u>	<u> </u>	<u>x8</u>	<u> x7</u>	<u>x2</u>	<u>x6</u>	<u> x2</u>	<u>x6</u>
9	1	4	3	3	6	9	0
<u>x1</u> _	<u>x2</u>	<u>x1</u> .	<u>x0</u>	<u>x9</u>	<u>x0</u>	x4	X2_
5	3	6	10	6	1	7	3
<u>x3</u> .		<u>x9</u>			<u>x5</u>	x9	x4
6	9	8	1	1	9	1	2
<u>x6</u> .		<u>x2</u> .					
6	9	2	9	3	7	2	7
6 x4		<u>x8</u>					x2
a	0	2	9	3	1	2	2
7 x5	8 <u>x9</u>			<u>x2</u>		x4	
2	9	0	1	3	2	6	10
3 x8		<u>x6</u>					
0	~	2	6	2	1	6	0
<u>x7</u>	x10	2 <u>x6</u>	<u>x0</u>	<u>x3</u>			
4.0	•	4	4	7	<i>=</i>	4	2
10 x2	x4	4 x1	<u> x6</u>	x8	<u>x6</u>	<u>x7</u>	x4
		_	_	_	-	10	2
4 v5	7	8 x3	6 x 0	6 x9	5 x5	10 x6	3 x4



Fraction Quantity Relative to Whole

Name:

Solve	each	problem.
SULVE	cacii	problem.

Ex) Express the triangles as a fraction of the entire 1) Express the stars as a fraction of the entire set.

0	1	1	0	A	1	1	A	
Associate	No.	No. 7	Marile	1	V	Vient	100	



Answers

2) Express the circles as a fraction of the entire

Δ		0			0	Δ	
\triangle	0	Δ	\triangle	0		\triangle	C
	Δ	Δ	0	0	0	0	

3) Express the squares as a fraction of the entire

				C
0	0			

4) Express the squares as a fraction of the entire

oct.							
(6	18		C		0	170	
-		1779	0	17	-00	words.	
	1 1	11	12	Ni.	1_1		

5) Express the stars as a fraction of the entire set.



917	17	17		W	L
252		1	527	0	1
	0	1	3	0	JA.

6) Express the hearts as a fraction of the entire



7) Express the pentagons as a fraction of the



10.			
1			

8) Express the pentagons as a fraction of the entire set.

Δ	\triangle	0		()		Δ	Z
			0	\triangle	0	\triangle	1
	0	Δ		0	0		

9) Express the squares as a fraction of the entire



set.

0			

10) Express the squares as a fraction of the entire 11) Express the squares as a fraction of the entire

000.					
				0	
0				0	0
0	0				

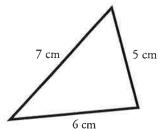
91 82 73 64 55 45 36 27 1-10

Maureen started her homew to dö her homework?	ork at 7.20 p.m. S	She finished it at 8	3.05 p.m. How lon	g did she take
min				
A chess game started at 10.	20 a.m. and ended	d at 12.30 p.m. H	ow long did the ga	ame last?
min		¥		
\$35.93 \$55.52 +\$97.28 - \$35.74			•	\$88.68 +\$20.19
100				
61 <u>- 19</u>	50 - 26	80 - 56	42 - 19	
Each child has 2 marbles. If there children, how many marbles are to				
There are 9 bottle caps in each bomany bottle caps are in 6 boxes?	ox. How			

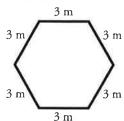
Perimeter of a Polygon

Find the perimeter of each shape by adding the lengths of each side.

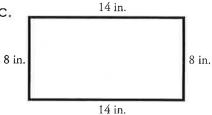
a.



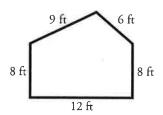
b.



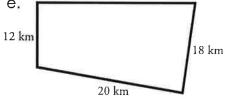
C.



d.

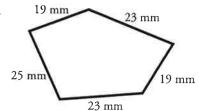


e.

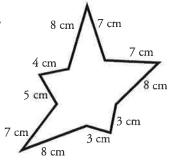


25 km

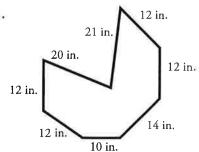
f.



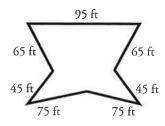
g.



h.



i.



Challenge: Draw a square with a perimeter of 180 yards. Label the lengths of each side.



Annie has 86 marbles. Lisa gives Annie 8 more. How many marbles does Annie have in all?

Answer

Justin is inviting 11 friends to a party. He has 88 cookies. How many cookies will each friend get? Answer:

There are 99 tickets in each box. How many tickets are in 4 boxes?

Answers

Matthew has 2 bottle caps. He finds another 77. How many bottle caps does Matthew have in all?

Answert

There are 89 peanuts in a box. Frances takes 7 peanuts. How many are left?

Answert.

Date:_____

1	4	5	8	9	6	1	3
<u>x6</u>	<u>x3</u>	x3	x7	<u>x7</u>	<u> x1</u>	<u>x1</u>	<u>x0</u>
6	3	1	4	2	1	8	4
_				<u>x3</u>			
	10	2	2	1	9	3	1
10 v10	10 x7		2 v4				x3
	X/	<u> </u>			NO.		
				_		0	0
8				3	1	9	8
x7	<u>x3</u> _	<u>x6</u>	<u> x3</u> _	<u>x10</u>	X1	<u> </u>	<u>x4</u>
4		2		6			8
x1	<u>x6</u>	<u>x5</u>	<u>x5</u>	<u>x5</u>	<u>x3</u> _	x7	<u>x3</u>
7	9	2	0	10	8	5	7
•	x7					<u>x5</u> _	<u>x5</u>
5	5	8	2	8	8	9	10
	x9					x4	
			0	0	1	1	2
3	2 x4	4		_			3 v0
<u> </u>	X4	Xo	X <u>J</u> _	<u> </u>			A
9	7	10	6	9	6	7	10
x8	x1	x8	<u>x2</u> _	<u>x6</u> _	<u>x9</u> _	<u>x'/</u> —	<u>x4</u>
1				4			
×7	x6	x 2	x7	x 0	x7	x 3	x 2



Writing Fractions

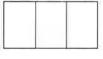
Name:

Write the shaded amount as a fraction of the whole amount.

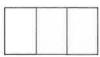
1)



2)



3)





Answers

3.

4. _____

5.

6.

0

9.

10.

11.

70----

13. _____

14. _____

15.

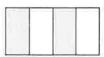
16. _____

17. _____

18. _____

4)

5)



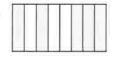
6)



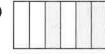
7)



8)



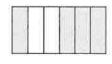
9)



10)



11)



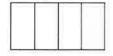
12)



13)



14)



15)



16)



17)



18)



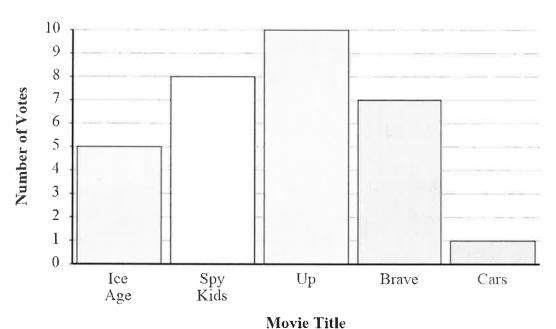
Name:_____

Date:_____

6	2	4	1	4	5	6	2
x2	x7	x1	<u>x1</u>	x8	x1	x4	x3
1	6	6	8	0	9	5	2
					x7	x4	
	:				-		
8	2	5	1	2	9	8	5
x9					0x	x4	
							
6	5	2	1	3	9	2	5
x2	x7		x0	x4	x0	<u>x6</u>	x5
8	1	2	6	2	4	6	7
	x3						
	1 4-1						
0	5	7	6	1	8	0	5
		x2					
5	3	2	0	3	3	7	3
x1				x2	x4	<u>x9</u>	
	N ation 2	, 1					
6	8	6	3	9	7	6	6
x2	x5		<u>x1</u>	x9	<u>x4</u>	x9	x4
	-						
6	1	2	6	5	7	6	6
x3	x4	x5	x9	<u>x2</u>	x9	x10	x6
8	5	8	8	6	8	8	2
ī	0			v?			x 5



During indoor recess the students got to vote on which movie to watch. The voting results are listed below. Use the bar graph to answer the questions.



- 1) How many people voted for Ice Age?
- 2) Did more people vote for Ice Age or for Up?
- 3) Did fewer students vote for Cars or for Brave?
- 4) Which movie received exactly 10 votes?
- 5) What is the difference in the number of people who voted for Brave and the number who voted for Spy Kids?
- 6) What is the combined number of people who voted for Up and Brave?
- 7) Which movie received the most votes?
- 8) Which movie received the fewest votes?
- 9) How many more votes did Spy Kids receive than Brave?
- 10) How many fewer votes did Ice Age receive than Up?

Answers

1. _____

2.

3.

4.

5.

6.

7...

8.

9.

10.

Start Time	End Time	Elapsed Time
10:20 P.M.	12:36 A.M.	9
11:20 A.M.	2:00 P.M.	± (€)



Tom was selling boxes of chocolate candy for his school's fundraiser. He plotted the number of boxes he sold in the line plot below. Use his line plot to answer the questions.

Days									
1	2	3	4	5	6	7	8	9	10
×	×	×	×	×	×	×	×	×	×
×	\times	×	×		\times	\times	×	×	\times
×	×	×	\times		×	×	×	×	\times
×		×	\times		×	×	×	×	\times
		×	\times		×	\times	×	×	×
		×			\times	×	×	×	\times
		\times			×	\times	\times	×	
		\times			\times	×	×		
					\times	×	\times		
					\times	×	×		
					\times	\times			
					\times				

- 1) How many boxes did he sell on day 8?
- 2) Did he sell more boxes on day 7 or day 2?
- 3) Did he sell fewer boxes on day 9 or day 6?
- 4) How many days did he sell more than 3 boxes?
- 5) How many days did he sell fewer than 7 boxes?
- 6) What is the combined amount of boxes he sold on day 3 and on day 10?
- 7) He sold the greatest number of boxes on which day?
- 8) He sold the least amount of chocolate on which day?
- 9) Which days (if any) did he sell more than 8 boxes?
- **10)** What is the difference in the number of boxes he sold on day 7 and the number he sold on day 5?
- 11) Which day did he sell exactly 8 boxes?

A	n	S	w	e	r	S
	44	2	77	·		2

- 1.
- 2:
- 3,
- 4.
- 5,:
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.

Date:

			_		_	_	•
2	1	8	3		5	5	3
x5	x8	<u>x3</u>	<u>x5</u>	<u>x6</u>	<u>x8</u>	x9	<u>x4</u>
1	4	6	1	2	4	3	O ,
1	4	6				x4	
<u> </u>	<u>x1</u>	X0	<u>X0</u>	<u> </u>		A	A
3	8	1	4	8	6	4	4
		x8	x7	x4	<u>x8</u>	x3	x6
						•	0
6	3	2	0	1	8	2	9
x4	<u>x2</u>	<u>x1</u>	<u>x2</u>	<u>x6</u>	<u>x4</u>	<u>x3</u>	x4
5	6	7	8	2	10	9	2
x6		x7					
XU			AS				
6	9	4	2	8	5	2	8
x4	x5	x7	x6	<u>x6</u>	x8	x0	x7
4	0	0	0	0	9	9	1
4	8	8					
<u>x7</u>	<u>xu</u>	<u>x2</u>	X9	X4	X10	XU	
8	5	6	4	9	8	0	10
	x 1	x3	x6	x8	x2	x8	x3
		(1				y. <u></u>	
					4	-	0
9	3	2	3	1	4	7	8
x <u>5</u>	<u>x8</u>	<u>x9</u>	<u>x3</u>	<u>x5</u>	<u> x7</u>	x9	X8
7	7	6	Q	10	4	8	9
		x3					



Division Facts: Missing Numbers (1-12)

Grade 3 Division Worksheet

Fill in the missing number.

1.
$$20 \div = 10$$
 $2. \div 2 = 1$

$$2. \div 2 = 1$$

3.
$$\div 7 = 3$$

4.
$$\div 2 = 2$$

10.
$$63 \div 7 =$$
 11. $6 \div = 6$

13.
$$\div 8 = 11$$

19.
$$49 \div = 7$$

$$20.6 \div = 3$$

$$22. 48 \div = 6$$

$$23.$$
 $\div 2 = 9$

24.
$$\div 4 = 3$$

$$27. \quad \div 4 = 5$$



There are 82 oranges in a box. Laura takes 7 oranges. How many are left?

Answer:

The school is planning a field trip. There are 3280 students and 80 seats on each school bus. How many buses are needed to take the trip?

Answer

Virginia has 28 crayons. 27 are eaten by a hippopotamus. How many crayons will Virginia have?

Answers

Each peanut costs \$38.00. How much do 5 peanuts cost?

Answers

Stephanie has 8 blocks. Deborah has 60 blocks. If Deborah gives all of her blocks to Stephanie, how many blocks will Stephanie have?

Answer:

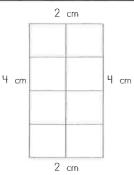
Date:_____

6	1	10	4	3	10	5	4
		x2				x 1	x7
			_	_			_
9	4	1	2	9	4	9	5
<u> x8</u>	<u>x2</u>	<u>x7</u> .	<u>x7</u>	x3	<u>x1</u>	<u>x6</u>	x1
7	2	3	10	5	4	7	9
	x7						x8
							-
				_	_		
2		5			7		6
<u>x0</u>	<u>x10</u>	<u>x6</u>	<u>x6</u>	<u>x0</u>	<u> x1</u>	x4	x7
2	4	6	1	7	5	6	5
_		x2		x4	X.I	x8	x6
			-				
_		1.0	1.0	0	2	0	2
2		10					3
<u> x10</u>	<u>x7</u>	<u>x3</u>	<u>x9</u>	X8	<u>x6</u>	X6	X5
7	6	6	9	6	0	3	6
x10		x 3			x3	x1	x1
	,						
	0	2	0	10	1	7	5
3	0	2		10	1		
<u> X10</u>	x7	<u>XU</u>	XI	XJ	X4	XU	x4
2	1	3	4	4	9	6	1
x3	x1	<u>x4</u>	<u>x9</u>	x2	x8	x4	<u>x6</u>
4	1	0	5	Λ	10	5	2
	x8_						
X1	XO	XJ			Λ/		

Area & Perimeter

Perimeter is the distance around a shape. To find the perimeter, add the length of each side.

Area is the number of square units that can fit inside of a shape. To find the area, count the square units.



Perimeter = 12 cm

Area = 8 cm^2

Directions: First, label the length of sides of each polygon.

Then, add to find the perimeter.

After that, count the squares to find the area.

Be sure you write \underline{cm} next to each answer for perimeter and $\underline{cm^2}$ next to each answer for area.











Division Facts: Dividing by 1 - 12

Grade 3 Division Worksheet

Find the quotient.

1.
$$63 \div 7 =$$

1.
$$63 \div 7 =$$
 2. $16 \div 8 =$ 3. $4 \div 2 =$

7
 10 ÷ 5 =

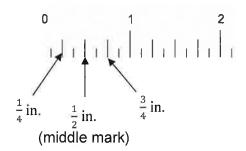
12.
$$40 \div 5 =$$

13.
$$49 \div 7 =$$



Measuring lengths to the nearest quarter inch

Grade 3 Measurement Worksheet



Use an inch ruler to measure the following lines.

1្ន	inches
	11101103

Use an inch ruler to draw lines with the following lengths.

7.
$$5\frac{1}{2}$$
 inches

8.
$$\frac{3}{4}$$
 inches

9.
$$1\frac{1}{4}$$
 inches

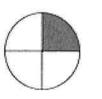


Identify equivalent fractions

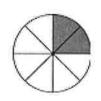
Grade 3 Fractions Worksheet

Write in the numerators and denominators of the equivalent fractions shown.

1)



1



= $\frac{2}{8}$

2)





_ _

3)





= ___

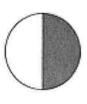
4)

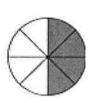




-

5)





= ___

6)



......



7)





-

8)





a.

d.

Quadrilaterals

Quadrilaterals are any polygon with four sides and four angles. Square Rectangle **Parallelogram Trapezoid** Rhombus All sides are the Opposite sides Two pairs of Two pairs of Only one pair of same length; are parallel and opposite parallel parallel sides; parallel sides there are four the same length; sides all sides are right angles there are four the same length right angles Write the name of each quadrilateral. b. C. f. e. g. How can you tell the difference between a parallelogram and a trapezoid? h. How can you tell the difference between a square and a rhombus?

Date:_____

3	1	5	10	6	1	1	2
					x4		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
4	7	6	5	6	4	9	5
x5					x3		
	<u> </u>	K)		- AS	113		
			4.0			0	0
4	3				6	2	
<u> x1</u>	<u>x6</u>	<u>x6</u>	<u> x7</u>	<u>x2</u>	x9	X	X8
6	3	9	0	9	0	7	1
x8	<u>x2</u>	<u>x10</u>	x7	x2	x9	<u>x9</u>	<u>x9</u>
5	6	10	7	6	2	3	3
					x4		
	<u> </u>						
2	0		2	2	0	3	4
3	9	6			8		x8
X1	<u> </u>	X9		X1	<u>x2</u>	XJ	
3						7	
x8	<u>x5</u>	<u>x9</u>	<u>x1</u>	<u> x7</u>	x7	<u>x5</u>	x5
3	1	10	5	1	3	5	9
	×2	x6	x7	x6	x5	x3	x10
2	Q	2	4	Δ	9	5	7
					x10		
			1 % 500/		1110		
	_	a.		-	0	2	0
6	7	1	6	5	8 x3	1	9 7
x6	хl	x3	ĊX	XU	X.3	X1	X/



Length word problems

Grade 3 Word Problems Worksheet

Read and answer each question.

- 1. A piece of wire is 24 inches long. If the wire is cut into 6 equal pieces, how long is each piece of wire?
- 2. Last year, Sean was 105 cm tall. He grew 12 cm in the past year. How tall is he now?
- The crayon is 2 inches shorter than the pen. If the pen is 7 inches long, how long is the crayon?
- 4. Each truck is 45 feet long. What is the total length of 2 trucks?
- 5. Seven parking spots is 28 feet wide. What is the width of 3 parking spots?



Name:_____

Date:____

7	3	9	8		3		0
x3	x2	x3	<u>x1</u>	<u>x6</u>	x7	x8	x9
4	6	3	5	5	4	8	2
<u>x2</u>	<u>x6</u>	<u>x3</u>	x9	x3	<u>x2</u>	x7	x3
3	6	8	8	6	6	1	4
x3	<u>x10</u>	<u>x6</u>	<u>x0</u>	x8	<u>x5</u>	<u>x6</u>	x3
						_	_
8	9	2	8	10	1	9	3
<u>x7</u>	x4	<u>x5</u>	x1	x7	xl	x5	x4
8	5	3	3	1	4		8
x4	x4	<u>x1</u>	<u>x5</u>	x8	<u>x9</u>	x5	X4
			_			-	_
4	4	6	8	6	9	7	5
<u>x2</u>	<u>x6</u>	<u>x8</u>	XU	X.3	XI	<u>x0</u>	<u>x1</u>
_	4	2	1	2	0	10	4
5	4	3		3 v10			x8
<u>x10</u>	X0	x2_		X10	AL	AS	
7	1	4	0	8	8	Q	7
	1 v:1	x0					
				2.00,7			
3	1	6	5	7	9	3	7
	x9	x4	x2	x3	x2	x 7	x1
8	5	9	9	5	8	8	6
31. 3	7 /0	v 1	v/l	v 0	v 3	x 1	x5