

SPELLING

SUMMER

PACKET

Incoming 4th
Graders

A Thinker's Toolbox

*Optional work for summer
practice! © 09, Mrs. Oshel*

READING

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G

Name: _____

MATH REVIEW

Fill in the missing blanks:

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

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

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

$18 \div \underline{\quad} = 6$

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

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

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

$20 \div 10 = \underline{\quad}$

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

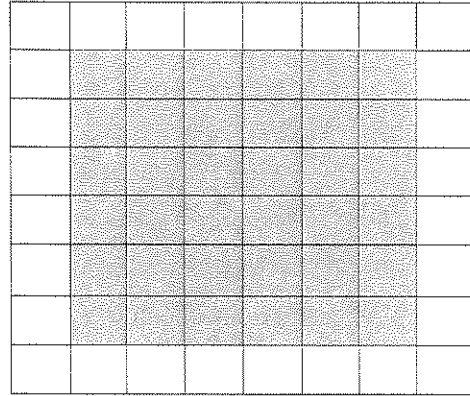
$18 \div \underline{\quad} = 6$

$9 \times 7 = \underline{\quad}$

$63 \div 9 = 7$

3.OA

Count the gray blocks to determine the area of the shaded squares.



Answer: _____ units

3.MD

Fill in the missing numbers:

If $4 \times 1 = 4$ then $4 \times 10 = \underline{\quad}$

If $4 \times 5 = 20$ then $4 \times 50 = \underline{\quad}$

If $6 \times 10 = 60$ then $6 \times 100 = \underline{\quad}$

If $2 \times 20 = 40$ then $2 \times 200 = \underline{\quad}$

If $8 \times 3 = 24$ then $8 \times 30 = \underline{\quad}$

If $10 \times 10 = 100$ then $10 \times 100 = \underline{\quad}$

3.NBT

A quadrilateral has _____ sides.

Draw a quadrilateral below:

3.G

Find the factors for the numbers below:

16: _____, _____, _____, _____, _____

21: _____, _____, _____

4.OA

Name: _____

MATH REVIEW

Fill in the missing numbers:

Commutative Property:

If $7 \times \underline{\quad} = 35$ then $\underline{\quad} \times 5 = 35$

Associative Property:

$(2 \times 3) \times 4 = 2 \times (\underline{\quad} \times \underline{\quad})$

Distributive Property:

$3 \times (\underline{\quad} + \underline{\quad}) = 3 \times 6$

3.OA

Sally wants to make lemonade to sell. She needs 2 quarts of water but only has a container that measures one cup at a time. If 1 quart is equal to 4 cups of water than how many cups of water will Sally need?



Answer: _____

3.MD

Round the numbers below:

Nearest tens place:

23 _____ 98 _____

Nearest hundreds place:

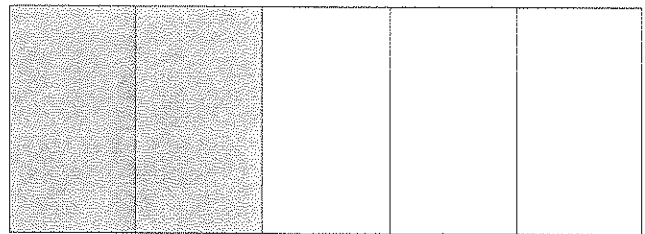
245 _____ 679 _____

Nearest thousands place:

6,289 _____ 4,132 _____

3.NBT

Using fractions, how much of the shape is shaded?



Answer: _____

3.G

Use $<$, $>$, or $=$ for the following:

495 ○ 459

3,212 ○ 3,112

17,906 ○ 17,960

4.NBT

Name: _____

MATH REVIEW

Fill in the missing blanks:

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

$$9 \div \underline{\quad} = 3$$

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

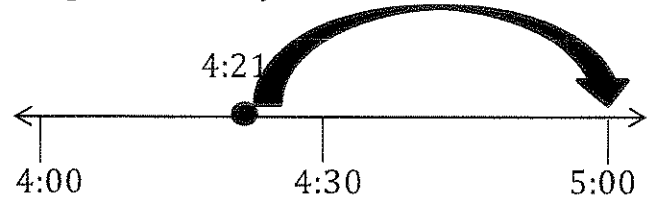
$$36 \div 6 = \underline{\quad}$$

$$\underline{\quad} \times 8 = 72$$

$$\underline{\quad} \div 12 = 12$$

3.OA

James started studying his spelling words 4:21 pm. If he finished at 5:00pm, how long did he study for?



Answer: _____

3.MD

Mr. Bane has 24 students and would like to buy a pencil for each of his students. Each box of pencils contains 6 pencils. How many boxes of pencils will Mr. Bane have to buy?

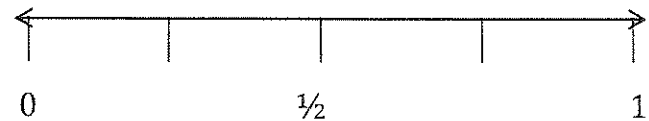
Answer: _____

How many boxes would he have to buy if he wanted to give each student 2 pencils?

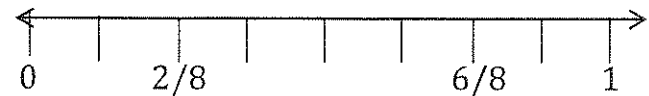
Answer: _____

3.OA

Write the equivalent fractions for the fractions on the number line?



Answer: _____



Answer: _____ Answer: _____

3.NF

When we decompose the fraction $\frac{3}{8}$ we discover that $\frac{3}{8}$ is equal to $\frac{1}{8} + \frac{1}{8} + \frac{1}{8}$.

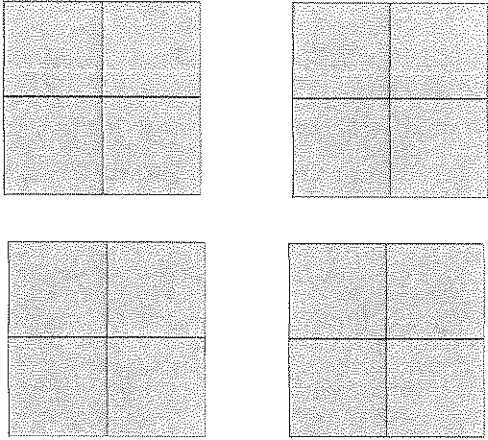
What can you discover when you decompose $\frac{5}{7}$: _____

4.NF

Name: _____

MATH REVIEW

Write a multiplication equation for the array below and solve.

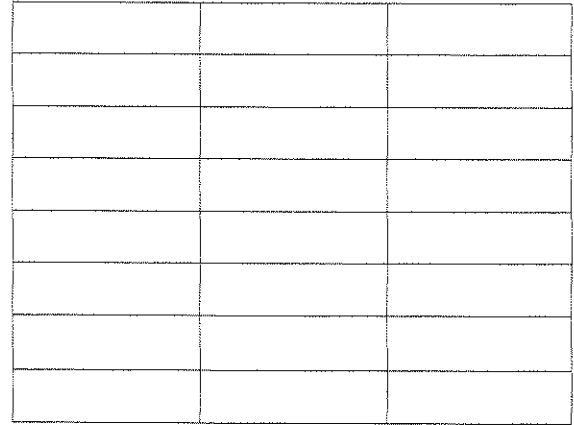


_____ x _____ = _____ 3.OA

Draw a bar graph for the following data:

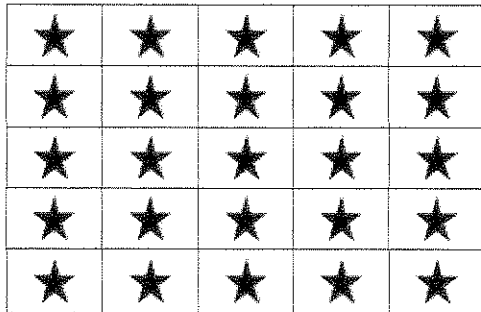
Pets

5 cats 8 dogs 3 hamsters



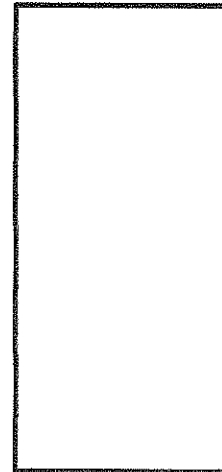
_____ = _____ = _____ 3.MD

Write a division equation for the following and solve.



_____ ÷ _____ = _____ 3.NBT

Partition this shape into three equal parts.



Label each part with a fraction. _____ 3.G

We know that 12 inches is the same as 1 foot. Therefore, if you had a tree that measured 3 feet tall, how many inches would that be equal to?

Answer: _____

4.MD

Name: _____

MATH REVIEW

Multiply the following:

$6 \times 5 = \underline{\quad}$ $3 \times 10 = \underline{\quad}$

$2 \times 4 = \underline{\quad}$ $9 \times 2 = \underline{\quad}$

$7 \times 7 = \underline{\quad}$ $8 \times 6 = \underline{\quad}$

$5 \times 4 = \underline{\quad}$ $4 \times 9 = \underline{\quad}$

$7 \times 5 = \underline{\quad}$ $3 \times 7 = \underline{\quad}$

$2 \times 10 = \underline{\quad}$ $6 \times 2 = \underline{\quad}$

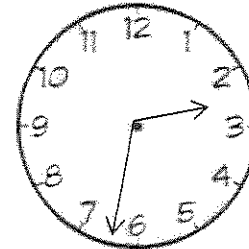
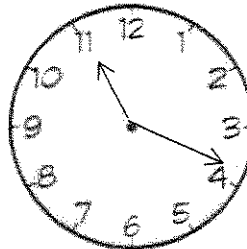
$6 \times 6 = \underline{\quad}$ $9 \times 8 = \underline{\quad}$

3.OA

Write the time of the clocks below:

Morning

Night



*Don't forget to use am or pm in your answers.

3.MD

Add or subtract the following:

$100 - 25 = \underline{\quad}$

$200 - 100 = \underline{\quad}$

$250 + 750 = \underline{\quad}$

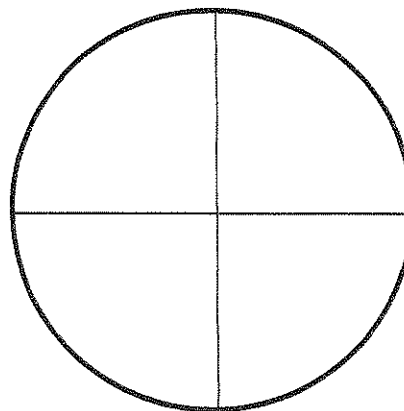
$500 + 200 = \underline{\quad}$

$1,000 - 500 = \underline{\quad}$

$1,000 + 1000 = \underline{\quad}$

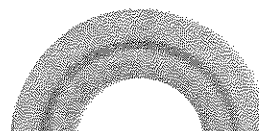
3.NBT

Label each part with a fraction.



3.NF

Draw the line of symmetry for each shape.



4.G

Name: _____

READING REVIEW

CAMPING

By: A Thinker's Toolbox

Sam was so excited for the camping trip to Yosemite National Park. He talked about it all week. "I'm going to swim in the lake and hike majestic Half Dome," Sam told his friends Seth and Roy. "Wow, you're brave!" said Roy. When Sam got home from school on Friday, he began packing his bags. When he finally loaded the car with the camping supplies he yelled, "I just can't wait!"

Directions: Read the passage above and then answer the following questions:

1. Where is Sam going camping?

2. What are the names of Sam's friends?

3. Why do you think Roy told Sam, "Wow, you're brave!"?

Name: _____

READING REVIEW

SUMMER VACATION

By: A Thinker's Toolbox

Jessie and Kathy spent their entire summer vacation together. They played at the park, swam at the beach, and just talked for hours. Jessie had long black hair and wore braces. Kathy had short hair and wore glasses. They were inseparable. As the end of summer approached, Jessie and Kathy began to worry. Middle School had become a lonely place for each of them. They both hoped they would be in the same class for the upcoming school year.

Directions: Read the passage above and then answer the following questions:

1. How old do you think Jessie and Kathy might be?

2. Why are Jessie and Kathy inseparable?

3. Why does the story say that "Middle School had become a lonely place"?

Name: _____

READING REVIEW

FIRST DAY OF 4th GRADE

By: A Thinker's Toolbox

Phillip was so nervous for the first day of fourth grade. He just moved from a nearby town and left all of his friends behind. "What if I don't make any friends in the new school?" asked Phillip. Although, his mom reassured him that he would find many new friends, she was worried for him too. Phillip was usually the smallest boy in his class and friends never came easily to him. Despite his feelings, Phillip mustered up his courage and sat down in Mr. Dawson's class on his first day of school. A boy sat in the empty seat next to him and said, "I like your shirt!" Phillip introduced himself, feeling confident that he would enjoy his new school.

Directions: Read the passage above and then answer the following questions:

1. Why is Phillip nervous about 4th grade?

2. Why is his mom worried for Phillip?

3. How did Phillip's feelings change in the story? How do you know?

Name: _____

READING REVIEW

MOVIE TIME

By: A Thinker's Toolbox

"I hope it's not a gushy movie that Mom picked out for us" said Dylan. "Yeah!" said Ethan, "I don't like all that mushy stuff either." Dylan and Ethan loved movie time. For most movies, they would set up blankets and pillows on the living room floor. During scary parts, they would hide under the blanket until their mom told them it was over. Shortly after dinner, Dylan and Ethan took a bath and dressed in their pajamas. Their Mom came in to the living room and said, "I have a surprise for the both of you." "What is it?" they both replied. Mom smiled, "I was able to get the movie Superhero's Final Battle." "YES!" they yelled out together and settled in for the show.

Directions: Read the passage above and then answer the following questions:

1. What type of movie do Dylan and Ethan like to watch?

2. What do Dylan and Ethan do when they get scared during movie time?

3. Do you like to watch the same kind of movies that Dylan and Ethan watch? If you said yes, tell me why.

If you said no, then tell me what type of movies do you like to watch.

Name: _____

READING REVIEW

SPIDERS

By: A Thinker's Toolbox

What has eight legs and belongs to the arachnid family? No, it's not your brother or your sister? It's a spider! There are over 40,000 different types of spiders and they are located on every continent except Antarctica. Although some species have a venomous bite that can be harmful to humans, scientists are working on using spider venom in medicines and non-polluting pesticides. Spiders won't make very good pets.

Directions: Read the passage above and then answer the following questions:

1. What animal family do spiders belong to?

2. What continent does not have any spiders?

3. About how many different kinds of spiders are there?

4. Is this statement True or False? All spiders are poisonous.

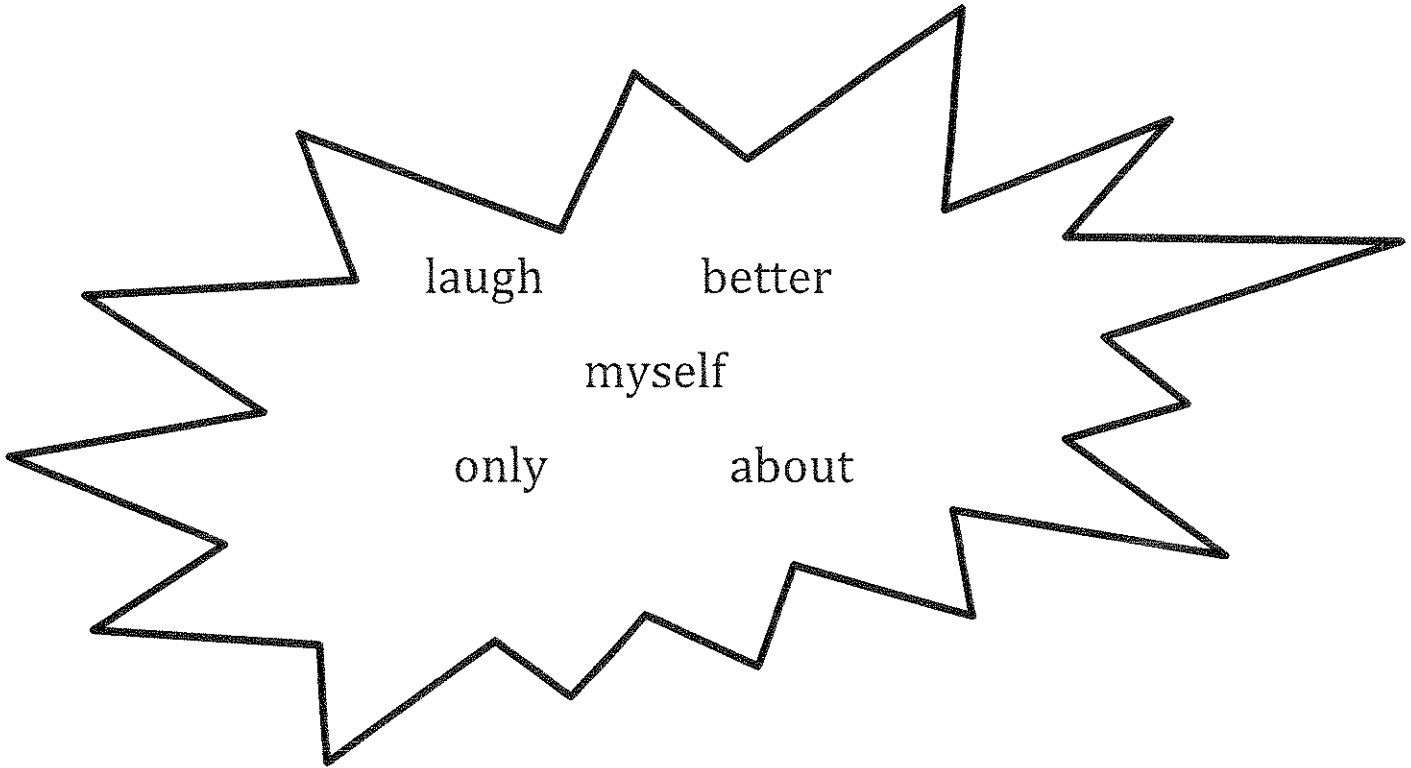
5. How are spiders helping scientists?

6. Is the last statement in the passage a fact or an opinion? _____

Name: _____

SPELLING REVIEW

Directions: Use these sight words to complete the activities below.



Unscramble the words below:

tuabo _____

hluga _____

rtbtee _____

lmfyes _____

lony _____

Rewrite the words below:

about _____

better _____

laugh _____

myself _____

only _____

Complete the sentence below with the correct challenge word.

pencil

thought

something

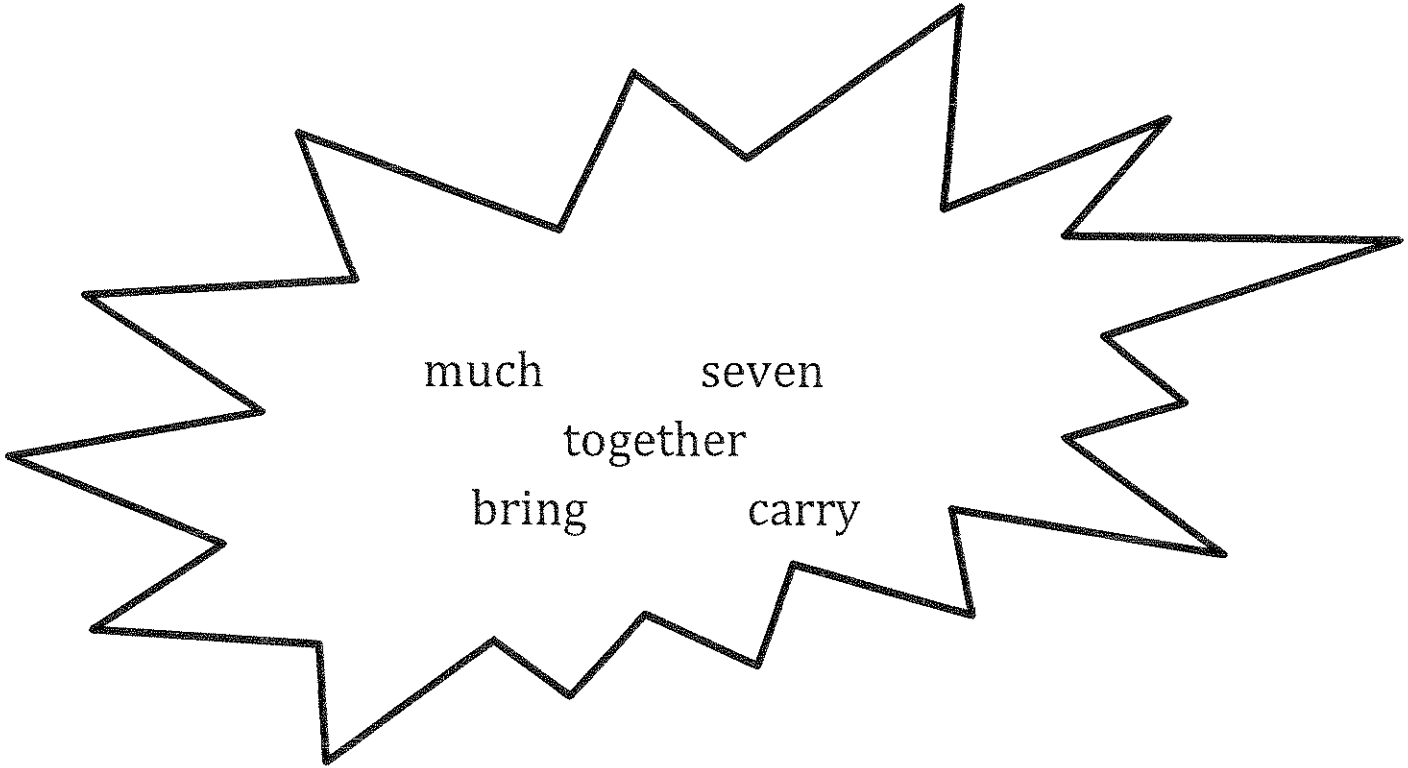
kitten

Sarah _____ that the concert was tonight.

Name: _____

SPELLING REVIEW

Directions: Use these sight words to complete the activities below.



Put your spelling words in alphabetical order.

Rewrite the words below:

carry	_____	_____
seven	_____	_____
much	_____	_____
bring	_____	_____
together	_____	_____

Complete the sentence below with the correct challenge word.

shine

awake

above

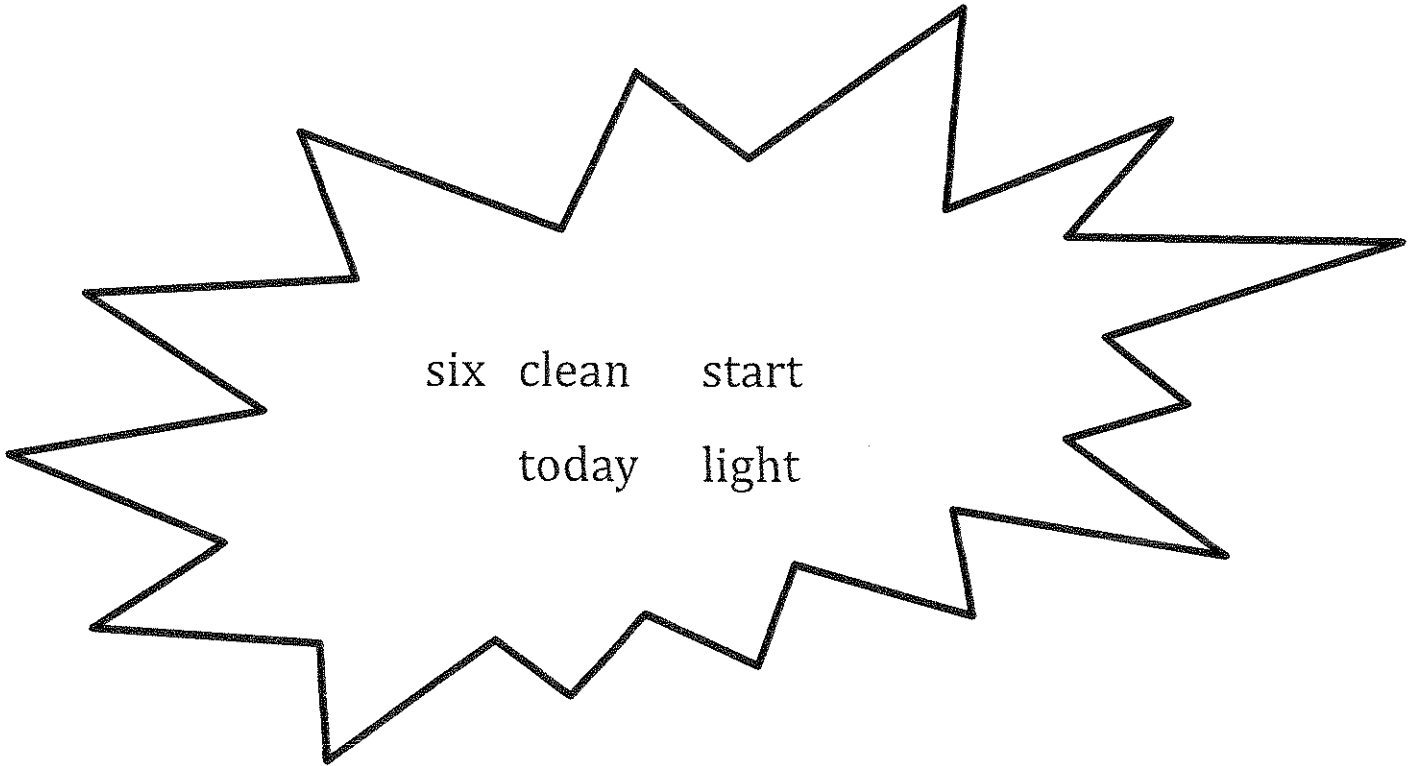
few

Do you see the birds flying _____ the trees?

Name: _____

SPELLING REVIEW

Directions: Use these sight words to complete the activities below.



Complete the sentence with the correct word:

_____ is my birthday!

Please _____ your room.

She has _____ books on her shelf.

Turn on the _____ in the house.

_____ from the beginning.

Trace the words in three different colors:

clean

light

six

start

today

Complete the sentence below with the correct challenge word.

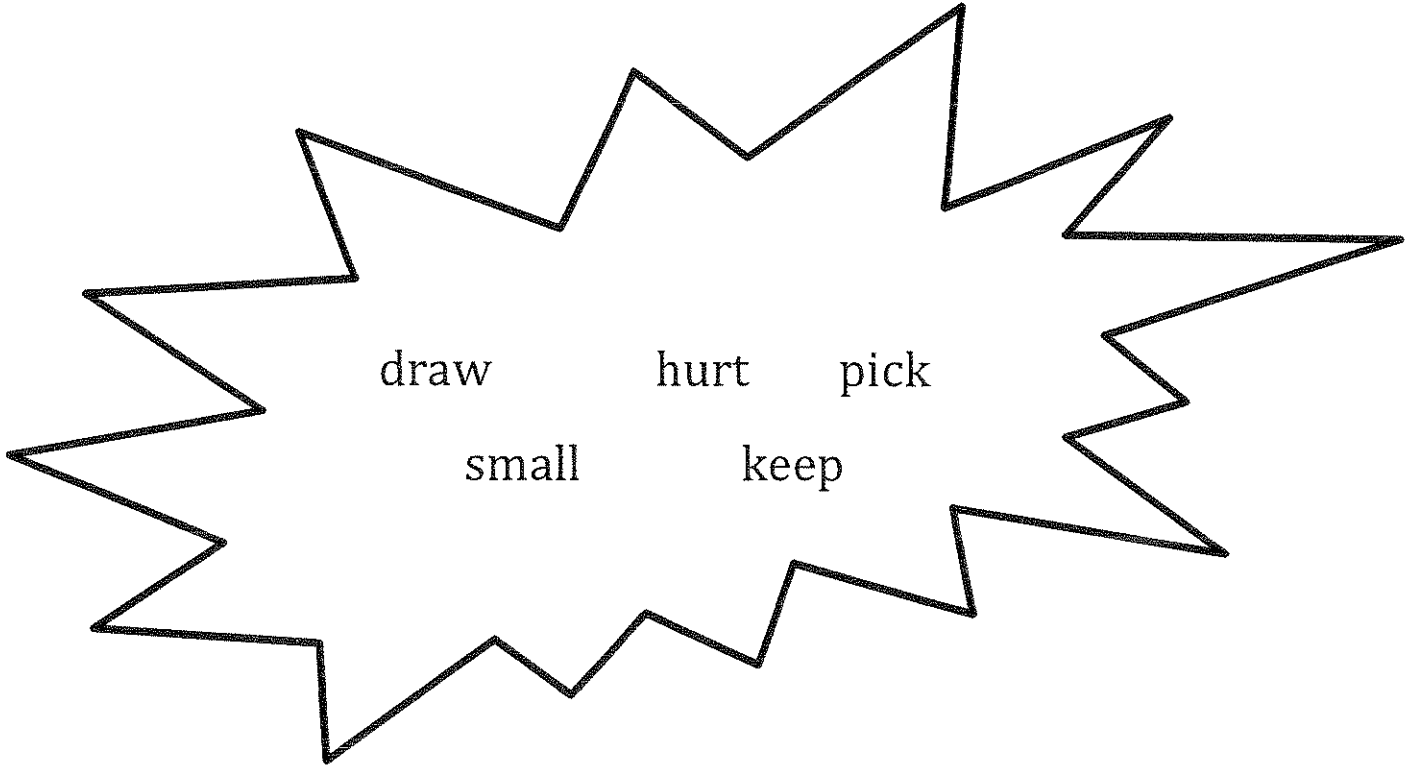
question country hundred straight

Jason moved from the _____ to live in the city?

Name: _____

SPELLING REVIEW

Directions: Use these sight words to complete the activities below.



Unscramble the words below:

epek _____

trhu _____

kipc _____

dwar _____

lsmla _____

Trace the words in three different colors:

draw

hurt

keep

pick

small

Complete the sentence below with the correct challenge word.

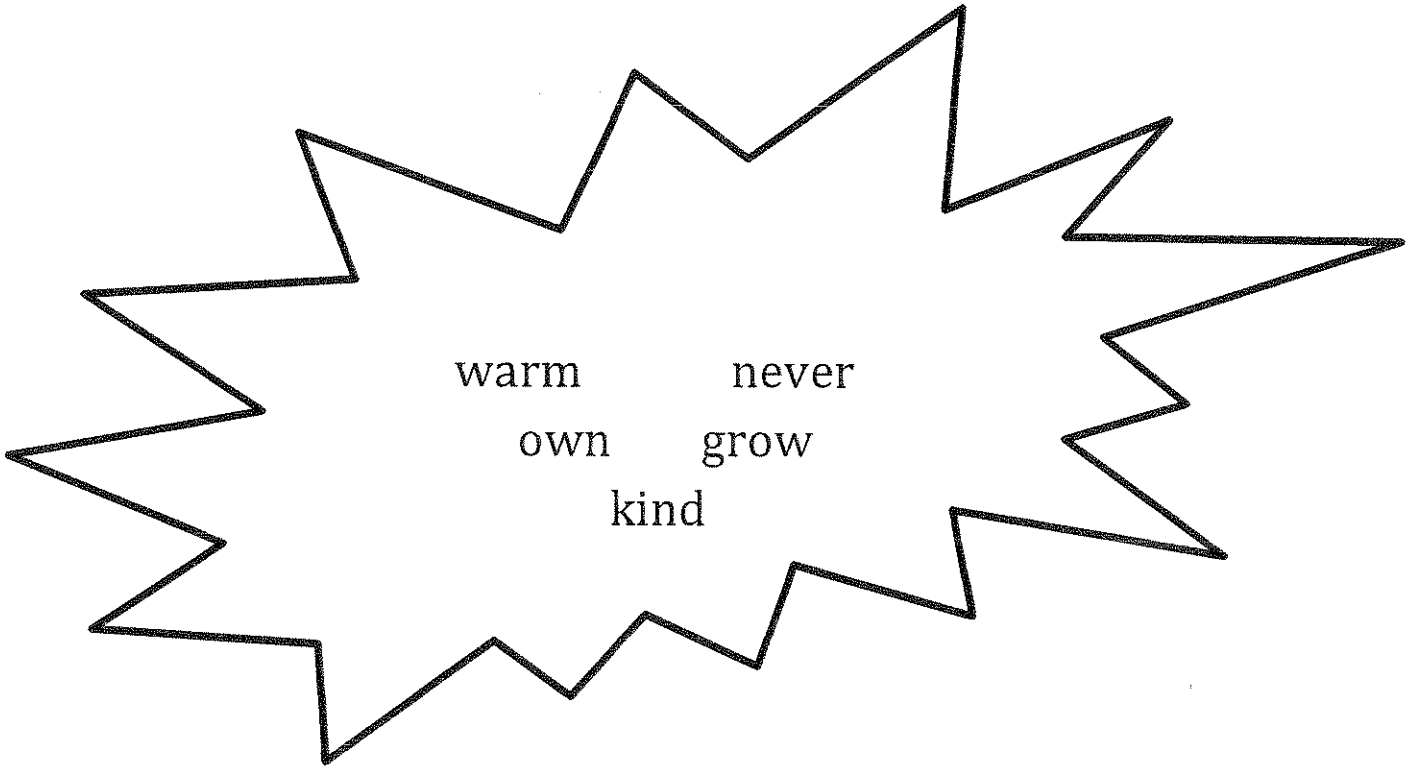
different breakfast whisper twelve

What would you like to eat for _____ this morning?

Name: _____

SPELLING REVIEW

Directions: Use these sight words to complete the activities below.



Put your spelling words in alphabetical order.

Unscramble the words below:

wrog _____
eernv _____
wno _____
dkni _____
rwma _____

Complete the sentence below with the correct challenge word.

remember banana suppose knock

Please _____ to study for your test tomorrow.

Name: _____

WRITING REVIEW

Directions: Circle all of the mistakes in this sentence.

Did Mary wtch the movee in the theater last nigt.

Now, rewrite the sentence correctly:

Next, add an adjective in front of the word "theater":

Finally, change the word "Mary" into a pronoun:

Challenge: Change or add a word in the sentence to make it silly:

Name: _____

WRITING REVIEW

Directions: Circle all of the mistakes in this sentence.

Our frnds cam for a sleep over lst night.

Now, rewrite the sentence correctly:

Next, change the event i.e. "sleep over":

Finally, change the sentence into a future tense:

Challenge: Change or add a word in the sentence to make it silly:

Name: _____

WRITING REVIEW

Directions: Circle all of the mistakes in this sentence.

What day is our scence projet due for Mrs Smith?

Now, rewrite the sentence correctly:

Next, add an adjective in front of the word "project":

Finally, change the word "Mrs. Smith" into a different noun:

Challenge: Change or add a word in the sentence to make it silly:

Name: _____

WRITING REVIEW

Directions: Circle all of the mistakes in this sentence.

John plans too study his nots every day this wek.

Now, rewrite the sentence correctly:

Next, change "John" into a pronoun:

Finally, change the sentence to the past tense:

Challenge: Change or add a word in the sentence to make it silly:

Name: _____

WRITING REVIEW

Directions: Circle all of the mistakes in this sentence.

That catt belngs to mi neighbor.

Now, rewrite the sentence correctly:

Next, add an adjective in front of the word "cat":

Finally, add an adjective in front of the word "neighbor":

Challenge: Change or add a word in the sentence to make it silly:

READING LOG

Book Title	Time
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12.	
13.	
14.	
15.	
16.	
17.	
18.	
19.	
20.	
21.	
22.	
23.	
24.	
25.	

4TH GRADE SUMMER VOCABULARY LIST

Be sure you are able to spell, define and use each of the following words in a sentence. There will be an assessment when you return. This will be your first test and first impression, so make it count. Remember, you have all summer, study hard!

1. affect
2. calculate
3. climate
4. decay
5. exceed
6. forbid
7. benefit
8. reduce
9. forecast
10. astound
11. cherish
12. abrupt
13. persuade
14. persevere
15. mock
16. expose
17. parallel
18. pessimist
19. recite
20. eager
21. develop
22. recall
23. recommend
24. sufficient
25. represent
26. mature
27. approach
28. migrate
29. prepare
30. observe

SOLVE AND EXPLAIN

NAME _____

#1

There are 24 students in your new class. Half of the students have brown eyes, five students have blue eyes and 3 students have hazel eyes. The rest of the students in the class have green eyes. How many students have green eyes,

Use the space below to work out the problem. Please show all of your work.

How many students have green eyes?

Explain how you arrived at your solution below. Be sure to write in complete sentences.

Your family is having a delicious spaghetti dinner this evening! The chef needs to cook 16 potatoes. He has already cooked 7. If each potato takes 5 minutes to cook, how long will it take him to cook the rest?

#2

Use the space below to work out the problem. Please show all of your work.

How long will it take to cook the rest of the potatoes?

Explain how you arrived at your solution below. Be sure to write in complete sentences.

Your 4th grade teacher had 6 worksheets to grade. If she graded 4, but then another 18 were turned in, how many worksheets would she have to grade?

#3

Use the space below to work out the problem. Please show all of your work.

How many worksheets would your teacher have to grade?

Explain how you arrived at your solution below. Be sure to write in complete sentences.

#4

Robin uploaded 35 pictures from her phone and 5 from her camera to Facebook. If she sorted the pictures into 5 different albums with the same amount of pictures in each album, how many pictures were in each of the albums?

Use the space below to work out the problem. Please show all of your work.

How many pictures were in each of the albums?

Explain how you arrived at your solution below. Be sure to write in complete sentences.

1
$1 \times 1 = 1$
$1 \times 2 = 2$
$1 \times 3 = 3$
$1 \times 4 = 4$
$1 \times 5 = 5$
$1 \times 6 = 6$
$1 \times 7 = 7$
$1 \times 8 = 8$
$1 \times 9 = 9$
$1 \times 10 = 10$
$1 \times 11 = 11$
$1 \times 12 = 12$

2
$2 \times 1 = 2$
$2 \times 2 = 4$
$2 \times 3 = 6$
$2 \times 4 = 8$
$2 \times 5 = 10$
$2 \times 6 = 12$
$2 \times 7 = 14$
$2 \times 8 = 16$
$2 \times 9 = 18$
$2 \times 10 = 20$
$2 \times 11 = 22$
$2 \times 12 = 24$

3
$3 \times 1 = 3$
$3 \times 2 = 6$
$3 \times 3 = 9$
$3 \times 4 = 12$
$3 \times 5 = 15$
$3 \times 6 = 18$
$3 \times 7 = 21$
$3 \times 8 = 24$
$3 \times 9 = 27$
$3 \times 10 = 30$
$3 \times 11 = 33$
$3 \times 12 = 36$

4
$4 \times 1 = 4$
$4 \times 2 = 8$
$4 \times 3 = 12$
$4 \times 4 = 16$
$4 \times 5 = 20$
$4 \times 6 = 24$
$4 \times 7 = 28$
$4 \times 8 = 32$
$4 \times 9 = 36$
$4 \times 10 = 40$
$4 \times 11 = 44$
$4 \times 12 = 48$

5
$5 \times 1 = 5$
$5 \times 2 = 10$
$5 \times 3 = 15$
$5 \times 4 = 20$
$5 \times 5 = 25$
$5 \times 6 = 30$
$5 \times 7 = 35$
$5 \times 8 = 40$
$5 \times 9 = 45$
$5 \times 10 = 50$
$5 \times 11 = 55$
$5 \times 12 = 60$

6
$6 \times 1 = 6$
$6 \times 2 = 12$
$6 \times 3 = 18$
$6 \times 4 = 24$
$6 \times 5 = 30$
$6 \times 6 = 36$
$6 \times 7 = 42$
$6 \times 8 = 48$
$6 \times 9 = 54$
$6 \times 10 = 60$
$6 \times 11 = 66$
$6 \times 12 = 72$

7
$7 \times 1 = 7$
$7 \times 2 = 14$
$7 \times 3 = 21$
$7 \times 4 = 28$
$7 \times 5 = 35$
$7 \times 6 = 42$
$7 \times 7 = 49$
$7 \times 8 = 56$
$7 \times 9 = 63$
$7 \times 10 = 70$
$7 \times 11 = 77$
$7 \times 12 = 84$

8
$8 \times 1 = 8$
$8 \times 2 = 16$
$8 \times 3 = 24$
$8 \times 4 = 32$
$8 \times 5 = 40$
$8 \times 6 = 48$
$8 \times 7 = 56$
$8 \times 8 = 64$
$8 \times 9 = 72$
$8 \times 10 = 80$
$8 \times 11 = 88$
$8 \times 12 = 96$

9
$9 \times 1 = 9$
$9 \times 2 = 18$
$9 \times 3 = 27$
$9 \times 4 = 36$
$9 \times 5 = 45$
$9 \times 6 = 54$
$9 \times 7 = 63$
$9 \times 8 = 72$
$9 \times 9 = 81$
$9 \times 10 = 90$
$9 \times 11 = 99$
$9 \times 12 = 108$

10
$10 \times 1 = 10$
$10 \times 2 = 20$
$10 \times 3 = 30$
$10 \times 4 = 40$
$10 \times 5 = 50$
$10 \times 6 = 60$
$10 \times 7 = 70$
$10 \times 8 = 80$
$10 \times 9 = 90$
$10 \times 10 = 100$
$10 \times 11 = 110$
$10 \times 12 = 120$

11
$11 \times 1 = 11$
$11 \times 2 = 22$
$11 \times 3 = 33$
$11 \times 4 = 44$
$11 \times 5 = 55$
$11 \times 6 = 66$
$11 \times 7 = 77$
$11 \times 8 = 88$
$11 \times 9 = 99$
$11 \times 10 = 110$
$11 \times 11 = 121$
$11 \times 12 = 132$

12
$12 \times 1 = 12$
$12 \times 2 = 24$
$12 \times 3 = 36$
$12 \times 4 = 48$
$12 \times 5 = 60$
$12 \times 6 = 72$
$12 \times 7 = 84$
$12 \times 8 = 96$
$12 \times 9 = 108$
$12 \times 10 = 120$
$12 \times 11 = 132$
$12 \times 12 = 144$