Mrs. Howard's 3rd Grade Homework

Unit: 4/ Lesson: 2 (Magnetism)

(No late homework will be accepted)

Directions:

1. **Reading** **Due: Thursday, February 4, 2016**

   Complete the attached study guide. Remember to answer the questions in complete sentences. *Do Not begin a sentence with "and", "but", "so", or "because".*

   Please Print

2. **Vocabulary** **Due: Friday, February 5, 2016**

   Complete the spellingcity.com vocabulary activities if you have internet access.

   (OR)

   Write a complete and meaningful sentence for each of the 8 vocabulary word in the Vocabulary section of your 5 subject notebook... **Underline** the vocabulary word. Try to add who, what, where, why, when, and how to your sentences.

3. **Spelling** **Due: Thursday, February 4, 2016**

   - Complete the spellingcity.com spelling activities if you have internet access.

   (OR)

   - Complete the Spelling Menu (follow the directions)

4. **Grammar** **Due: Friday, February 5, 2016**

   Complete the attached activity sheet

5. **Math** **Due: Daily**

   Practice exercises will be given daily that the students are to return the next day. Please ask for them daily!

6. **Social Studies & Science** **Due: As Given**

   Homework will be assigned as needed

Name:_____ Date:_____

Fourth Grade: Unit 4.2 Magnetism

Vocabulary Words:

1. rarely: adv. not often
2. attract: v. to cause something to come closer
3. pure: adj. not mixed with anything
4. care: n. the central, most important, or deepest part of something
5. force: n. the push of pull of something
6. related: adj. connected
7. current: n. the flow of electricity
8. friction: n. the rubbing of one thing against another

Spelling Words:

1. deflate
2. demerit
3. declaw
4. derail
5. impure
6. immobile
7. imperfect
8. impolite
9. prefix
10. preview
11. preheat
12. preschool
13. costar
14. copilot
15. co-host
16. co-pay
17. enlarge
18. enclose
19. enrich
20. enforce
21. dehydrate
22. immature
23. cooperate

Magnetism

Your child will now be reading "Magnetism," a nonfiction selection that explains various aspects of magnetism (the ability of a rock or metal to attract or repel other materials) including magnetic poles, materials, and fields. Materials made of iron, such as nails, can be turned into magnets by rubbing them with a magnet. Earth acts like it has a magnet in its core. This makes compasses work by aligning the north and south poles of the compass magnet to the north and south poles of Earth. Electricity can also be used to create magnets.

Magnets are used in various practical applications. Electromagnets, in particular, have many modern uses. After your child has finished reading "Magnetism," you may want to help him or her write down any five items in your home that work with the help of an electromagnet or magnet fitted inside them. If necessary, use the library or the Internet to help find this information. An example has been completed for you.

NAME _____

DATE _____

Comprehension: Magnetism

1. What is magnetism? _____

_____

2. Most magnets are made of _____ or _____.
3. What is the most magnetic material? _____

_____

4. The ends of a magnet are called _____.
5. The North pole will always be _____ to the South pole.
6. Two South poles will _____ each other. The same thing will happen to two North poles.
7. What is the magnetic force? _____

_____

8. Why can we say that Earth is like a gigantic magnet? _____

_____

_____

9. Why is a compass important? _____

_____

10. What is closely related to magnetism? _____.
11. Magnets that are created by electricity are called _____

_____.

12. Why are electromagnets very useful? _____

_____.

13. Where can electromagnets be found? _____

_____

Spelling Menu

Directions: Get 20 Points! Choose as many activities as you need to make 20 points each week. *Make sure your words are spelled correctly!* You will turn in your spelling homework on **Fridays**. Please ***label*** which choice you are choosing for each activity.

Count Consonants and Vowels
5 points

Make a chart and write each spelling word. Then tell how many consonants and vowels each word has.

Word	Consonants	Vowels
teacher	4	3
stapler	5	2

Shape Words
5 points

d
do
don
donu
donut

(or make them boat shaped, wagon shaped, smiley face, etc.)

ABC Order
5 points

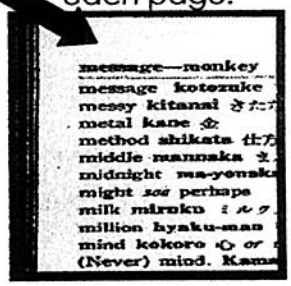
Write your spelling words in ABC order.

Sentences
10 points

Write each spelling word in a sentence. **Underline** each word.

Using Dictionary
5 points

Look up your spelling words in a dictionary. Write the guide words found at the top of each page.



Write a letter
10 points

Write a letter to someone. Use your spelling words. **Underline** each spelling word. Follow the letter format discussed in class.

Parts
date, greeting, body, closing, signature

Scrabble
10 points

Connect spelling words to create a Scrabble board

Example:

```
    b
  c a t
  u
  b u s
      u
      b
```

Using rhymes
5 points

Write your words and then write a rhyming word next to each word

Example:
light— bright
brag— drag

"NEW" words
5 points

Form NEW words by changing 1 or 2 letters in your spelling word.

Use technology
10 points

1. Type out your spelling and/or vocabulary words on the computer.

or

2. Use the website http://www.wordle.netto create a word cloud.

Question
10 points

Write questions with your spelling words.

Write a Story
10 points

Write a story using the spelling words.

Explain the meaning
5 points

Read each word and explain to your parents what each word means.

(Parents will be responsible for writing a note in the spelling homework if the student chooses this activity)

"Ransom" Words
10 points

"Write" your words by cutting letters out of a newspaper or magazine and gluing the letters on a piece of paper to spell your words.

Sort the words by parts of speech
5 points

word	part of speech
castle	noun
yelled	verb
old	adjective

Sort the words by a category (you get to create the category)
10 points

words related to cooking { **frying, baking, mixing**

Picture words
5 points

Draw any picture and hide your spelling words in the picture.

Name: _____ **Date:** _____

Irregular Verbs Worksheet (Converting Part 1)

An irregular verb does not follow the pattern of regular verbs in terms of adding an –ed for the past and past participle.

Directions: Complete each sentence with the correct past or past participle form of the verb in parenthesis.

Example A- We _____ tired late at night (become)
Answer: became

1. My friend _____ my favorite toy. (break)
2. I _____ off the swing. (fall)
3. We _____ like we were cheated. (feel)
4. The team _____ hard to win the game. (fight)
5. I _____ about doing my homework. (forget)
6. We _____ the championship game. (lose)
7. I _____ in my bed. (sleep)
8. She _____ aloud during her presentation. (speak)
9. I _____ a school uniform to school. (wear)
10. She _____ me a letter. (write)

Name: _____ **Date:** _____

Irregular Verbs Worksheet (Circling and Writing Part 1)

An irregular verb does not follow the pattern of regular verbs in terms of adding an –ed for the past and past participle.

Directions: Circle the irregular verb in each sentence below.

Example A- I think we will win the game.
Answer: think

1. We swim every morning.
2. I understand mostly everything the teacher says.
3. I will write my paper tonight.
4. She will wear her favorite outfit.
5. They lead me down the path.

Directions: Write a sentence with each irregular verb you circled from above.

1. _____
2. _____
3. _____
4. _____
5. _____

Name _____

Reteaching
7-3

Finding Missing Numbers in a Multiplication Table

Find $24 \div 6$.

You can think of a division problem as a multiplication fact with a missing factor.

Write a missing factor equation.

$24 \div 6 = n$ $\quad$ $6 \times n = 24$

6 times what number equals 24?

Use a multiplication table. Follow the steps.

1. Find the factor you know, 6, in the first column of the table.
2. Go across the row to the product, 24.
3. Go straight to the top of that column. The number at the top of the column is 4. The missing factor is 4.

   $24 \div 6 = 4 \quad n = 4$

missing factor

X	0	1	2	3	4
0	0	0	0	0	0
1	0	1	2	3	4
2	0	2	4	6	8
3	0	3	6	9	12
4	0	4	8	12	16
5	0	5	10	15	20
6	0	6	12	18	**24**

factor $\quad$ product

Use a multiplication table to find the value for n that makes the equation true.

1. $8 \div 2 = n$ _____

2. $12 \div 4 = n$ _____

3. $15 \div 5 = n$ _____

4. $10 \div 5 = n$ _____

5. $20 \div 4 = n$ _____

6. $30 \div 5 = n$ _____

7. Communicate How can you use a multiplication table to find $16 \div 4$?

_____

_____

_____

_____

Name _____

Practice
7-3

Finding Missing Numbers in a Multiplication Table

Find the value for n that makes the equation true.
Use a multiplication table.

1. $21 \div 7 = n$ _____

2. $12 \div 2 = n$ _____

3. $10 \div 5 = n$ _____

4. $48 \div 6 = n$ _____

5. $16 \div 4 = n$ _____

6. $27 \div 3 = n$ _____

7. $72 \div 8 = n$ _____

8. $63 \div 9 = n$ _____

9. $35 \div 7 = n$ _____

10. Mr. Bell had 24 colored markers to give equally to 6 students. How many markers did each student get?

_____

11. A pet shop has 54 fish in 6 tanks. If there are an equal number of fish in each tank, how many fish are in each tank?

_____

12. James has 36 tomato plants. If he plants 6 plants in a row, how many rows will he plant?

_____

13. **Critique Reasoning** Hana uses a multiplication table to find the value of n in $49 \div 7 = n$. She says the answer is 6. Is she correct? Why or why not?

_____

_____

_____

_____

14. Enrico put 54 photographs into a scrapbook. He put 6 photographs on each page. How many pages did he fill?

A 6 **B** 7 **C** 8 **D** 9

Division Facts (A)

Find each quotient.

$12 \div 4 =$	$16 \div 4 =$	$5 \div 1 =$	$9 \div 3 =$
$3 \div 1 =$	$10 \div 5 =$	$25 \div 5 =$	$4 \div 1 =$
$3 \div 3 =$	$2 \div 1 =$	$5 \div 5 =$	$15 \div 5 =$
$8 \div 4 =$	$1 \div 1 =$	$6 \div 3 =$	$15 \div 3 =$
$4 \div 4 =$	$12 \div 3 =$	$8 \div 2 =$	$20 \div 5 =$
$6 \div 2 =$	$2 \div 2 =$	$10 \div 2 =$	$20 \div 4 =$
$4 \div 2 =$	$20 \div 4 =$	$15 \div 5 =$	$6 \div 3 =$
$9 \div 3 =$	$1 \div 1 =$	$12 \div 3 =$	$3 \div 3 =$
$8 \div 4 =$	$16 \div 4 =$	$25 \div 5 =$	$20 \div 5 =$
$4 \div 4 =$	$12 \div 4 =$	$10 \div 5 =$	$5 \div 5 =$
$4 \div 1 =$	$2 \div 1 =$	$15 \div 3 =$	$3 \div 1 =$
$5 \div 1 =$	$8 \div 2 =$	$4 \div 2 =$	$2 \div 2 =$
$10 \div 2 =$	$6 \div 2 =$	$12 \div 3 =$	$8 \div 4 =$
$10 \div 5 =$	$16 \div 4 =$	$5 \div 5 =$	$20 \div 4 =$
$20 \div 5 =$	$12 \div 4 =$	$3 \div 1 =$	$15 \div 5 =$
$6 \div 3 =$	$4 \div 4 =$	$3 \div 3 =$	$25 \div 5 =$
$9 \div 3 =$	$6 \div 2 =$	$10 \div 2 =$	$5 \div 1 =$
$15 \div 3 =$	$8 \div 2 =$	$4 \div 2 =$	$2 \div 2 =$
$1 \div 1 =$	$4 \div 1 =$	$2 \div 1 =$	$12 \div 3 =$
$8 \div 4 =$	$3 \div 3 =$	$9 \div 3 =$	$8 \div 2 =$
$6 \div 3 =$	$2 \div 1 =$	$20 \div 5 =$	$4 \div 1 =$
$15 \div 3 =$	$20 \div 4 =$	$12 \div 4 =$	$6 \div 2 =$
$16 \div 4 =$	$1 \div 1 =$	$25 \div 5 =$	$4 \div 4 =$
$15 \div 5 =$	$3 \div 1 =$	$5 \div 5 =$	$5 \div 1 =$
$2 \div 2 =$	$10 \div 5 =$	$4 \div 2 =$	$10 \div 2 =$

Division Facts (C)

Find each quotient.

$6 \div 1 =$	$12 \div 4 =$	$35 \div 7 =$	$24 \div 4 =$
$49 \div 7 =$	$5 \div 1 =$	$18 \div 3 =$	$4 \div 1 =$
$2 \div 1 =$	$30 \div 5 =$	$8 \div 2 =$	$25 \div 5 =$
$1 \div 1 =$	$7 \div 1 =$	$5 \div 5 =$	$3 \div 3 =$
$12 \div 2 =$	$35 \div 5 =$	$14 \div 2 =$	$42 \div 6 =$
$7 \div 7 =$	$6 \div 2 =$	$12 \div 3 =$	$30 \div 6 =$
$28 \div 4 =$	$14 \div 7 =$	$28 \div 7 =$	$8 \div 4 =$
$18 \div 6 =$	$21 \div 7 =$	$21 \div 3 =$	$4 \div 4 =$
$9 \div 3 =$	$15 \div 5 =$	$2 \div 2 =$	$10 \div 2 =$
$42 \div 7 =$	$10 \div 5 =$	$6 \div 3 =$	$15 \div 3 =$
$36 \div 6 =$	$6 \div 6 =$	$16 \div 4 =$	$12 \div 6 =$
$24 \div 6 =$	$20 \div 5 =$	$10 \div 5 =$	$3 \div 1 =$
$42 \div 6 =$	$35 \div 5 =$	$15 \div 5 =$	$16 \div 4 =$
$36 \div 6 =$	$25 \div 5 =$	$24 \div 4 =$	$1 \div 1 =$
$30 \div 6 =$	$21 \div 3 =$	$12 \div 4 =$	$30 \div 5 =$
$12 \div 2 =$	$24 \div 6 =$	$6 \div 3 =$	$18 \div 3 =$
$10 \div 2 =$	$7 \div 1 =$	$20 \div 4 =$	$12 \div 6 =$
$4 \div 4 =$	$4 \div 1 =$	$28 \div 4 =$	$3 \div 3 =$
$15 \div 3 =$	$8 \div 4 =$	$21 \div 7 =$	$5 \div 5 =$
$28 \div 7 =$	$14 \div 7 =$	$9 \div 3 =$	$12 \div 3 =$
$14 \div 2 =$	$49 \div 7 =$	$6 \div 6 =$	$6 \div 2 =$
$18 \div 6 =$	$7 \div 7 =$	$2 \div 1 =$	$2 \div 2 =$
$8 \div 2 =$	$4 \div 2 =$	$5 \div 1 =$	$6 \div 1 =$
$42 \div 7 =$	$35 \div 7 =$	$12 \div 2 =$	$42 \div 6 =$
$42 \div 7 =$	$10 \div 5 =$	$24 \div 4 =$	$6 \div 6 =$