

Name: _____

A Rainbow of Soil

By Erin Horner

It might not be as colorful as a rainbow in the sky, but soil is not all boring and brown. Geologists officially recognize more than one hundred seventy different colors of soil. Most of these are shades of black, brown, red, gray, and white. Scientists can learn a lot about soil from its color. Normally, darker soil contains the most nutrients. Dark soil tends to have the most humus, or decayed organic matter. Scientists have also observed that soil with a red or yellow hue contains oxidized iron. This soil alternates between being wet and dry throughout the year. It may also be dry during a growing season. Gray or blue soil, on the other hand, is normally wet most of the time. Light colored soil tends to be leached. The organic material in this soil is washed away faster than it can be replaced. Color is just one characteristic geologists observe when learning about soil. It might not have all the colors of the rainbow, but to a geologist, the spectrum of soil colors is still an awesome (and educational!) sight.



A Rainbow of Soil

Questions

1. Why does leached soil tend to be a light color?

2. What can the reader infer after reading this passage?

- A. Dark soil contains oxidized iron.
- B. Light colored soil is full of organic material.
- C. You would be most likely to find gray soil in an area where it rains most of the year.
- D. Most soil is all the same color.

3. Why does dark soil tend to have the most nutrients?

- A. It normally has a lot of humus.
- B. It is dry most of the year.
- C. It is leached.
- D. It gets the most water.

4. Which of the following is used to signal a comparison between red or yellow soil and gray or blue soil?

- A. however
- B. on the other hand
- C. similarly
- D. likewise

Name: _____

Kevin did not believe in bad luck. He broke 13 mirrors. He walked under 13 ladders. He stepped on 13 cracks in the sidewalk. He let 13 black cats walk in front of him. On his way home from school he found 13 dimes. How many more dimes does he need to have \$2.80 worth of dimes?

Megan and her mother prepared beef, cheese, milk, and oatcakes to serve on Leif Ericson Day. Her Aunt Helga sent her the recipe for the oatcakes from Norway. The recipe makes thirteen oatcakes and uses two and a third cups of oats. Megan wants to make 52 oatcakes. How many cups of oats will she need?

Jacob tried to write out the number for 980,305. He wrote nine hundred eighty three hundred five. Is anything wrong?

There are 3 birthdays in our class for the month of September. Hunter, Alex, and Maria all have birthdays. Maria is the last to celebrate. Her birthday is on the last day of the month. If you add the day numbers of the other birthdays, it equals the day number that Maria celebrates her birthday. The first person to celebrate is Hunter. His birthday is 12 days before the next birthday. On what day numbers are each of their birthdays?

Name: _____

Anna found some beautiful red and gold autumn leaves. She wanted to put them in a vase for her mother. She went to a store that had many vases. She chose one that cost \$3.27. She gave the storekeeper three one-dollar bills and two quarters. How much change will the clerk give her?

Jacob wants to have fun on National Splurge Day. He is going to the Fun Park. He wants to ride the Terror Train 17 times! The Terror Train ride lasts 2 minutes and 12 seconds. If he rides it 17 times, how many minutes will he spend on the Terror Train?

How many total legs are on 70 dogs.

$$12 \times 5 =$$

$$10 \times 64 \div 8$$

Kevin is painting a picture of his dog. He has painted for 2 hours and 16 minutes. He will be finished in 40 minutes. How long will it take him in all to do the painting?

Farmer Hernandez has 15 jars of honey. Of those jars, $\frac{1}{3}$ are clover honey and the rest are sourwood honey. How many jars of sourwood honey are there?

Mrs. Johnson bought 3.5 pounds of green beans for dinner. The beans cost \$1.33. How much would 7 pounds of green beans cost?

How much greater is 176 than 33?

Mary bought a pack of six waters. It cost \$3.42. How much did each water cost?

4, 8, _____, 16, 20, 24,
28

Name: _____



It was a tough day for Emily the pirate. She was driving the pirate ship, and it was very rough at sea. The pirates didn't care. But they didn't like that she was driving so slowly.

"Faster," yelled Pirate Barker. "Real pirates don't drive 3 knots!"

Emily was worried, but she went 5 knots faster.

"I said faster!" yelled Pirate Barker even louder.

This time Emily doubled her speed!

How fast was the boat going after Emily doubled her speed?

Show your work.

Name: _____

Merry Medicine

By Beth Beutler

Nathaniel was sick. He was home from school with a virus. His head hurt, his stomach was sour, and he was achy all over.

Nathaniel's mom had him camp out on the couch in the living room. She arranged his favorite blanket and pillow and brought him water throughout the day. Nathaniel dozed on and off, but when he was awake, he enjoyed some television.

"How about watching *Tiger Town*?" Mom asked.

Tiger Town was a sitcom about a family of tigers who lived in a neighborhood. They had their own house complete with a pool, an SUV, and a pet dog! The stories were about silly happenings in their neighborhood. Seeing tigers talk and interact with the neighbors made for funny TV!

"How can I watch it, Mom? It's not on until 8:00 tonight."

Mom smiled. "I have a surprise for you. I bought the first season of *Tiger Town* on DVD. Would you like me to put it in?"

Nathaniel laughed. "Of course! Thanks, Mom!"

Mom put the first DVD into the player and brought out some juice and cookies. She sat down with Nathaniel and put her feet up. Together, they enjoyed three episodes before Mom had to get back to work around the house.

The first show was about the tiger children's first day of school. They had to get used to wearing clothes. They had to try not to scare the other children. Nathaniel and his mom laughed and laughed as the tiger children accidentally scared the teachers and could not fit into their school chairs.

The second episode was about Mr. Tiger having to decide whether to stay at his job with the circus or take an office job overseeing all the animal trainers.

"That would be quite a decision, wouldn't it?" asked Mom.

"Can you imagine a tiger in Dad's office?"

"Some think Dad IS the 'tiger' in his office!" giggled Mom. Nathaniel cracked up.

By the third episode, Mom and Nathaniel had laughed so hard that both had aching stomach muscles. The third episode was about Mrs. Tiger trying to get along with the somewhat snobby neighbor ladies who did not like her fur coat!

At the end of the show, Nathaniel thanked his mother. "You know, Mom, you made being sick sort of fun. I'd still rather not be sick, but I am really starting to feel better."

Mom put her arm around Nathaniel.

"There is a proverb that says, 'A merry heart does good like a medicine.' I knew that some laughter would help us both have a better day. I'm glad you are feeling better!"



Name: _____

Merry Medicine

Questions

- _____ 1. What symptom is NOT mentioned as part of Nathaniel's illness?
- A. sour stomach
 - B. fever
 - C. feeling achy
 - D. headache
2. The name of the sitcom Nathaniel and his mother watched was _____.
- _____
- _____
3. Nathaniel and his mother watched three episodes. What was the second one about?
- _____
- _____
- _____ 4. The tiger children had to be careful not to do what at school?
- A. scare the other children
 - B. forget their lunch
 - C. break their desks
 - D. wear the wrong clothes
- _____ 5. Which episode was about Mrs. Tiger dealing with somewhat snobby neighbors?
- A. the first
 - B. the second
 - C. the third
 - D. none of them
6. Who was considered to be a "tiger" in his office?
- _____
- _____
7. Nathaniel's mom brought what to eat while watching the shows?
- _____
- _____

Name: _____

8. Nathaniel's mom quoted a proverb that says a _____ does good like a medicine.

$32 \div 4 =$

Write the number that is one hundred less than 6,299.

What is the sum of 10 and 487?

Write the number that has exactly 4 hundred thousands.

$\text{double } 22 =$

You need to add what to 37 to get 45?

Write a 2-digit even number.

You have a playdate in 180 minutes. How many hours is that?

$\text{triple } 32 =$

Emma gave out a survey. The answers she got back were 8, 17, 20, 8, and 20. What is the range of these numbers?

What is 16 less than 699?

$1 \times 7 + 11 + 10$



Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

$$\begin{array}{r} 50009 \\ - 42187 \\ \hline \end{array}$$

$$\begin{array}{r} 74217 \\ - 72443 \\ \hline \end{array}$$

$$\begin{array}{r} 58966 \\ + 42920 \\ \hline \end{array}$$

$$\begin{array}{r} 35090 \\ + 43412 \\ \hline \end{array}$$

$$\begin{array}{r} 98665 \\ - 18187 \\ \hline \end{array}$$

$$\begin{array}{r} 72954 \\ + 34447 \\ \hline \end{array}$$

$$\begin{array}{r} 87906 \\ - 29508 \\ \hline \end{array}$$

$$\begin{array}{r} 80243 \\ + 13589 \\ \hline \end{array}$$

$$\begin{array}{r} 61902 \\ - 35452 \\ \hline \end{array}$$

$$\begin{array}{r} 82328 \\ - 64494 \\ \hline \end{array}$$

$$\begin{array}{r} 49229 \\ + 75514 \\ \hline \end{array}$$

$$\begin{array}{r} 65343 \\ + 84404 \\ \hline \end{array}$$

$$\begin{array}{r} 85179 \\ - 12557 \\ \hline \end{array}$$

$$\begin{array}{r} 27959 \\ + 90884 \\ \hline \end{array}$$

$$\begin{array}{r} 93636 \\ - 34980 \\ \hline \end{array}$$

Name: _____

Guess the number in your head. Keep guessing until your numbers are correct.
Then write the correct answer!

$$\text{frowny} + \text{frowny} + \text{frowny} = 54$$

$$\text{smiley} + \text{frowny} = 39$$

$$\text{smiley} + \text{frowny} + 1 = 40$$

$$\text{smiley} - \text{frowny} = \underline{\hspace{2cm}}$$

$$\text{frowny} = \underline{\hspace{2cm}} \quad \text{smiley} = \underline{\hspace{2cm}}$$

3 before 19 _____

6 after 18 _____

3 after 12 _____

2 before 11 _____

7 after 17 _____

2 after 11 _____

8 before 18 _____

1 after 14 _____

8 after 13 _____

7 before 16 _____

4 after 15 _____

5 after 19 _____

5 before 12 _____

9 after 16 _____

1 after 12 _____

6 before 22 _____

3 after 60 _____

9 after 65 _____

Name: _____

Jake and Jackie Clean the House

By Beth Beutler

Jackie was pouting. It was Friday after school, and she wanted to play outside with Jake. Instead, her mom had told her to clean the house. They were having company all day Saturday, and her mom was going to the store to get food while her dad mowed the lawn.

Jake stopped by the house and tapped on the door. "Hi Jackie," he said. "Want to ride bikes?"

"I'd love to, Jake, but I have to clean the house."

"The whole house!?" Jake asked in surprise.

"Well, probably not the whole house. We're having company tomorrow, and Mom is grocery shopping."

"Can I help you?" Jake asked.

Jackie was surprised. She didn't think that cleaning was something Jake would be interested in doing. "Sure, if you want to," Jackie replied.

"Okay, what do I do first?"

"That's just it, Jake," Jackie said as she slumped further in the chair. "I don't know where to begin."

"That's surprising," Jake said. "You usually seem pretty good at organizing things. How about we start in the kitchen?"

Jackie was feeling overwhelmed by the task, so she was glad that Jake took charge. Sometimes she didn't like it when others did that, but in this case, it was okay.

"You load the dishwasher, and I'll sweep the floor," Jake suggested.

Jackie nodded and headed to the sink. While she rinsed the dishes and loaded the dishwasher, Jake wiped down the counters.

"I thought you were going to sweep the floor?" Jackie asked.

"I was, but I thought I'd better wipe the counters first. That way, if any crumbs fall on the floor, I can sweep them up."

"Good thinking," Jackie replied as she turned back to the pile of dishes.

At about the time she started the dishwasher, Jake took out the broom and began to carefully sweep.

"I'll work on the guest bathroom," Jackie said.

"Sounds good to me," Jake said.

Jackie went into the small bathroom that was tucked under the stairwell. Mom had placed toilet cleaner and sink spray under the sink. Jackie sprayed the sink and let the foam begin to kill germs while she cleaned the toilet. She sprayed the cleaner into the bowl and then used a toilet brush to scrub the bowl. She made sure to clean under the rim like she'd seen her mother do. Then, she flushed the toilet and turned to wipe down the sink. She then polished the mirror with some window cleaner and wiped down the faucet until it sparkled. As she finished, she heard the roar of the vacuum cleaner. Jake had evidently found it and had begun to vacuum the living room.



Name: _____

Jackie was feeling encouraged as, more and more, the house looked sparkling clean. While Jake vacuumed around the furniture, Jackie found a room freshener spray. She sprayed throughout the first floor and enjoyed the apple-cinnamon scent. Just as Jackie finished, she heard her mother come in the door.

"Wow! It sure smells nice in here!" Jackie's mom commented as she set the paper sacks full of food on the counter. She went to find Jackie and saw Jake wrapping the cord around the vacuum cleaner.

"Well I see we have a helper! Thank you, Jake! Everything looks terrific. You two come into the kitchen for a snack."

Jake and Jackie couldn't refuse. All this cleaning had made them hungry. But it sure felt good to walk through a clean, uncluttered house.

Jake and Jackie Clean the House

Questions

1. Why was Jackie asked to clean the house?

2. While Jackie was cleaning, what was her mother doing?

- _____ 3. Before sweeping the kitchen floor, Jake:

- A. sprayed air freshener
- B. did the dishes
- C. wiped the counters
- D. cleaned the bathroom

4. Who cleaned the guest bathroom?

- _____ 5. Which of the following was NOT done to the bathroom?

- A. cleaned the toilet
- B. mopped the floor
- C. sprayed the sink with cleaner
- D. polished or cleaned the mirror

- _____ 6. While Jackie cleaned the bathroom, Jake began to _____.

- A. mop the bathroom
- B. vacuum

Name: _____

7. Why do you think Jake offered to help with the cleaning?

_____ 8. Which of the following words describes the reaction of Jackie's mom?

- A. surprised
- B. pleased
- C. happy
- D. all of the above
- E. none of the above

Subtract 81 from 720.

$$\begin{array}{r} 80,835 \\ - 25,120 \\ \hline \end{array}$$

$$\begin{array}{r} 508 \\ - 15 \\ \hline \end{array}$$

Double the number 10
three times.

double 10 =

$$11 + 7 - 7$$

$$35 \div \underline{\quad} = 7$$

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

Write the number that is
one ten less than 4,939.

Is 449 closer to 400 or
500?

Draw a small clock that
shows 20 minutes past 8:00.

Name the shape with three
sides and three angles.

Name: _____

The students in Ms. Rodriguez's class were planning to decorate white t-shirts with fabric paint on White T-Shirt Day. Mary's mother went to the store and bought a new white t-shirt for her. The t-shirt cost \$5.44. She gave the clerk \$10. How much change did she get?

Peter, Hunter, Max, and Justin were having a hat-throwing contest. Peter threw his hat 2 feet 1 inch. Hunter threw his hat 2 feet 4 inches. Max threw his hat 3 feet 2 inches. Justin threw his hat 4 feet 7 inches and won the contest. How much further did Justin throw his hat than Max threw his hat?

Draw a small clock that shows 5 minutes to 7:00.

How many tens are in the number 61,000?

If you exchange 90 dimes for dollars, then how many dollars would you get?

Justin bought a tiny turtle for \$1.25 and turtle food for \$0.38. He gave the clerk \$2. How much change did he get?

Mary went to The Food Factory to buy a bottle of barbeque sauce. The sauce cost \$1.95. Mary paid for the sauce with one five-dollar bill. How much change did she get?

Mr. Smith bought 5 rolls of masking tape. There were 30 yards of tape in each roll. He used 83 yards of the tape. How many yards of tape were left?

$$(7 \times 8) \times 7$$

$$\text{triple } 40 =$$

Write the number that has exactly 4 tens.

Name: _____

Wendy has 8 bags of 6 lollipops. Ava has 3 bags of 8 lollipops. How many more lollipops does Wendy have?

Holly went to the circus with her father and mother. The best part of the circus was the clown. He could juggle and make people laugh at the same time! The tickets cost \$5.59 each. How much did it cost for Holly, her father, and her mother to go to the circus?

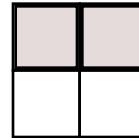
Erin is playing "Penguin Parade" with her best friend. The spinner for the game has eight spaces. Six of the spaces have two penguins on them. The rest have one penguin on them. On Erin's first spin, what is the chance the pointer will stop on a space with one penguin?

Write the number for eight thousand, ninety-four.

Which number is one hundred eighty-six?

681 186 816
1,860

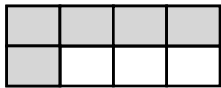
What fraction of the box is shaded?



$$\frac{\square}{2}$$



Write a fraction to represent what is shaded.



Write the correct symbol.

< = >

34,526 ○ 34,526

If $B = 3$, then what does B plus B equal?

How many thirds are in 5?

$$\begin{array}{r} 2 \\ \times 1 \\ \hline \end{array}$$

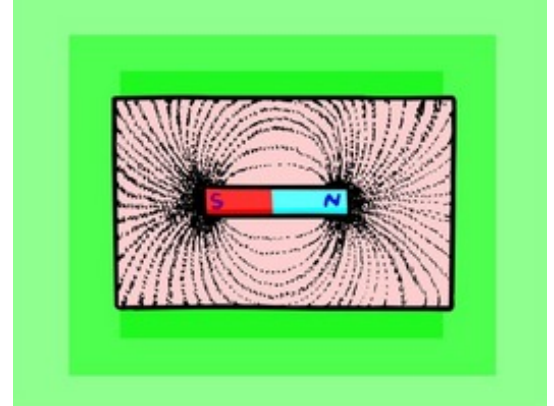
Name: _____

What Is Magnetism?

By Brandi Waters

Most of us have used magnets to stick papers up on the refrigerator. You probably played with magnets when you were a young child. You know that magnets stick to some things but not to others. You know that sometimes magnets attract and want to stick together. You also know that there are other times when magnets repel and will push themselves apart. You may know what magnets are. You may know how they behave; but can you answer the question, What is magnetism?

Magnetism is a force. It is created by the electrons spinning around the nucleus of atoms. With most atoms, the electrons spin around the nucleus in different directions. A magnet is different. In a magnet, the electrons spinning around the nucleus all spin in the same direction. This makes a magnetic force. It surrounds the atom. A magnet is made up of many atoms. All of the electrons in a magnet spin the same direction. This creates two opposite ends on the magnet, called poles.



All magnets have one north pole and one south pole. The magnetic force flows from the north pole to the south pole. It creates a magnetic field around the magnet. If you put two magnets together, they will align so that the north pole of one magnet and the south pole of the other magnet are together. The north poles of two magnets will repel each other. The south poles of two magnets will repel each other, too. You can feel the magnetic forces between them if you try to push them together. Next time you try this, remember that the strong magnetic force was made by some of the smallest things on Earth - electrons.

What Is Magnetism?

Questions

- _____ 1. Magnetism is a(n) _____ created by electrons.
- A. pole
 - B. atom
 - C. force
 - D. alignment
- _____ 2. All magnets have two _____.
- A. electrons
 - B. poles
 - C. forces
 - D. all of the above
- _____ 3. The north pole of one magnet will attract the _____ pole of another magnet.
- A. south
 - B. magnetic
 - C. north
 - D. none of the above

Name: _____

- _____ 4. The magnetic force flowing from the north pole to the south pole of a magnet creates a _____ around the magnet.
- A. light
 - B. spin
 - C. nucleus
 - D. magnetic field

5. Explain how the electrons in the atoms of a magnet are different from the electrons in the atoms of a non-magnet.

6. The north pole of a magnet will _____ the north pole of another magnet.

Write the number that has exactly 5 hundred thousands.

Is 27 a composite or a prime number?

Write the least possible 5-digit number using only 2 different numbers.

Gavin bought 6 dozen cupcakes for a party. How many cupcakes did he buy?

Round 1586 to the nearest hundred.

You need to add what to 36 to get 43?

$$527 + 8 =$$

What is the sum of 10 and 705?

Find the product of 8 and 5.

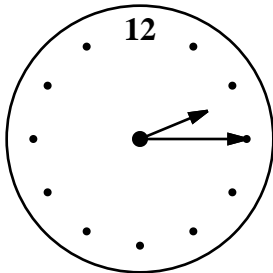
Name: _____

Nathan went to basketball practice on a city bus. The bus left his house at 8:22 a.m. on Saturday. It arrived at the gym at 9:09 a.m. How long was the bus trip?

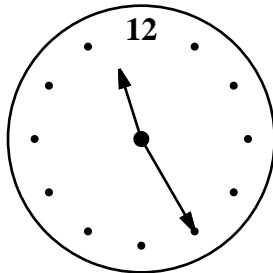
Mr. Allen was in the doghouse. He forgot to bring a new book for Hannah. He went back to the store to get the book. The trip took him 48 minutes. If he left at 5:22 p.m., what time did he get back?

The first grade class had a cake with a big smiley face on it. They had milk and cookies, too. Their Grump Out party started at 1:10 p.m. and was over at 3:00 p.m. How long did the party last?

The groundhog came out of his burrow for only 0.5 minutes. Write that number as a fraction.



current time (pm)



time party starts (pm)

How long until the party? _____

$$44 - 13 = \underline{\hspace{2cm}}$$



Name: _____

Complete each pattern, using the same rule. Write what the rule is.

5, 6, 6, 6, 6, 5, 6, 6, 6, 6, 5, 6, 6,

6, 6, 6, 6, 5, 6, 6, 6, 6, 6, ____, ____, ____, ____

2, 3, 3, 3, 3, 2, 3, 3, 3, 3, 2, 3, 3,

3, 3, 3, 3, 2, 3, 3, 3, 3, 3, ____, ____, ____

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

 $\frac{1}{512}$, $\frac{1}{64}$, $\frac{1}{8}$, (1) , (8) ,
 (64) , (512) , _____

 $\frac{1}{1296}$, $\frac{1}{216}$, $\frac{1}{36}$, $\frac{1}{6}$, (1) ,
 (6) , _____ , _____

Name: _____

edHelper

Calcium

By Jennifer Kenny

Why do parents tell their kids to drink their milk? You may believe it's just something parents say to be difficult, but there's a real health reason behind it. Milk has lots of calcium in it. Your growing body needs calcium.

What is calcium? Calcium is called a macromineral. It is needed by the body in large amounts. It is essential to building strong bones and teeth. It is also important in muscle contraction, sending messages through the nerves, and hormone release. In order to develop the strongest bones possible, a person needs to be physically active and eat enough foods with calcium as a child and as a teenager. When the body isn't getting enough calcium, the body takes it from the bones so that it can be used by other cells in the body. That, of course, can weaken bones.

Unfortunately, not everyone takes in enough calcium. Some studies indicate that over 85% of girls and 60% of boys from nine to eighteen don't. Bones grow rapidly during this time. Not having enough calcium can cause problems later on.

What amounts of calcium are needed? It is recommended that toddlers take in 500 mg of calcium a day. Children from four years to eight years need 800 mg. Those from nine to eighteen need 1,300 mg.

Where should all of this calcium come from? Milk is one great source. A baby under a year old should get it from breast milk or baby formula. Toddlers should drink whole milk because the fats are needed for brain development and growth. From two years old to eight years old, about two cups of low fat or nonfat milk are good. Over nine years old, three cups of milk are good. Some teens might believe that milk will make them fat, but skim milk has no fat and only eighty calories.

Sometimes special considerations are needed. Any child with a milk allergy might need soy milk. A child who is lactose intolerant may need to take milk with drops or tablets. For those children who regularly drink their milk, they probably get the right amount of calcium. Other children probably need more encouragement with other dairy products.

There are many other foods that contain calcium. Dairy products with calcium include yogurt, cheese, or cottage cheese. Soy foods also have calcium, such as soybeans or tofu. Many vegetables also contain calcium. Garlic is a good source of calcium. Many green vegetables, such as broccoli and spinach, also contain high levels of calcium. Beans and canned fish do, too.

If a child (or adult) doesn't gravitate to these choices right away, some creativity might be needed. A grilled cheese sandwich in the shape of a star might be fun. Vegetables with melted low-fat cheese add calcium to the diet. White beans can be added to soup. Soft taco shells filled with eggs might be a hit and are a clever way to add calcium to a diet. How about a mini pizza on a whole-wheat English muffin or whole-grain crackers with cheese? Of course, adding chocolate or strawberry syrup to milk is one way to encourage those who may not drink milk to drink some with a fun flavor, without adding too many calories.

To absorb calcium, vitamin D is very important. One way the body makes vitamin D is through sunlight exposure. Vitamin D is also found in fortified dairy, egg yolks, and fish.

Some vegetarians eat dairy products. Others do not. If a vegetarian doesn't, it is very important to eat lots of dark, green, leafy vegetables, drink orange juice, and drink soy drinks.

Eating healthy foods and drinking milk are the best ways to get calcium. Labels should be read in order to determine the calcium in particular foods. Words which indicate calcium is present include "high in calcium," "rich in calcium," "excellent source of calcium," "good sources of calcium," or "calcium-fortified."

Those individuals who drink lots of soda or sports drinks need to be careful to include milk or other dairy



Name: _____

products in the diet. Anyone who drinks caffeinated beverages, drinks alcohol, or smokes needs to know that the body may get less calcium because those items interfere with calcium absorption. A doctor may recommend calcium supplements if a patient is not getting enough calcium through other sources.

Calcium is important for strong bones. Bones typically develop until the end of the teenage years. By the time young adulthood rolls around, bone calcium starts to decrease, and slowly bone density is lost. That's why it is very important that children and teens take in enough calcium through healthy foods and that they exercise so that the bones are as strong as possible for the rest of their lives.

Calcium

Questions

- _____ 1. A growing body needs calcium.
 - A. true
 - B. false
- _____ 2. Calcium _____.
 - A. helps build bones
 - B. helps build teeth
 - C. helps send messages through the nerves
 - D. all of the above
- _____ 3. Most girls between the ages of nine and eighteen get enough calcium.
 - A. true
 - B. false
- _____ 4. A fifteen-year-old needs _____ of calcium a day.
 - A. 800 mg
 - B. 1,300 mg
 - C. 500 mg
 - D. 43,000 mg
- _____ 5. Whole milk is best for _____.
 - A. a newborn
 - B. a seventy-five-year-old
 - C. a toddler
 - D. a six-year-old
- _____ 6. Which food is NOT rich in calcium?
 - A. a lollipop
 - B. cheese
 - C. yogurt
 - D. milk
- _____ 7. Which aids in the absorption of calcium?
 - A. drinking caffeinated soda
 - B. obtaining vitamin D through sunlight
 - C. smoking a cigarette
 - D. drinking alcohol



Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

Not Exact**Estimate - With a Good Guess**

$53 \div 6 \approx \underline{9}$

$> \underline{8} \quad < \underline{9}$

$23 \div 7 \approx \underline{3}$

$> \underline{3} \quad < \underline{4}$

$27 \div 5 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$78 \div 11 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$34 \div 8 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$87 \div 9 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$74 \div 12 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$58 \div 10 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$31 \div 4 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$13 \div 4 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$31 \div 7 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$57 \div 6 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$80 \div 12 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$67 \div 8 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$83 \div 11 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$47 \div 5 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$50 \div 9 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$10 \div 3 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$86 \div 10 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$26 \div 6 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$65 \div 10 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$29 \div 6 \approx \underline{\quad}$

$> \underline{\quad} \quad < \underline{\quad}$

$41 \div 8 \approx \underline{\quad}$

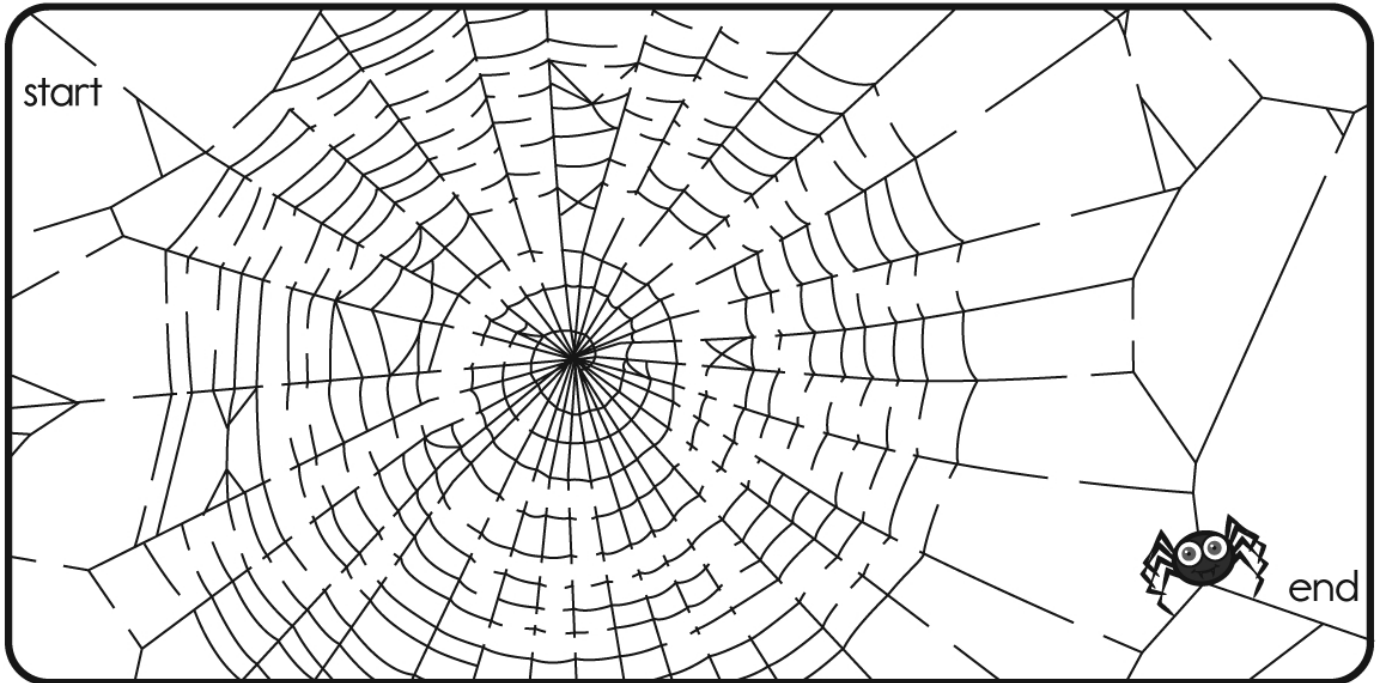
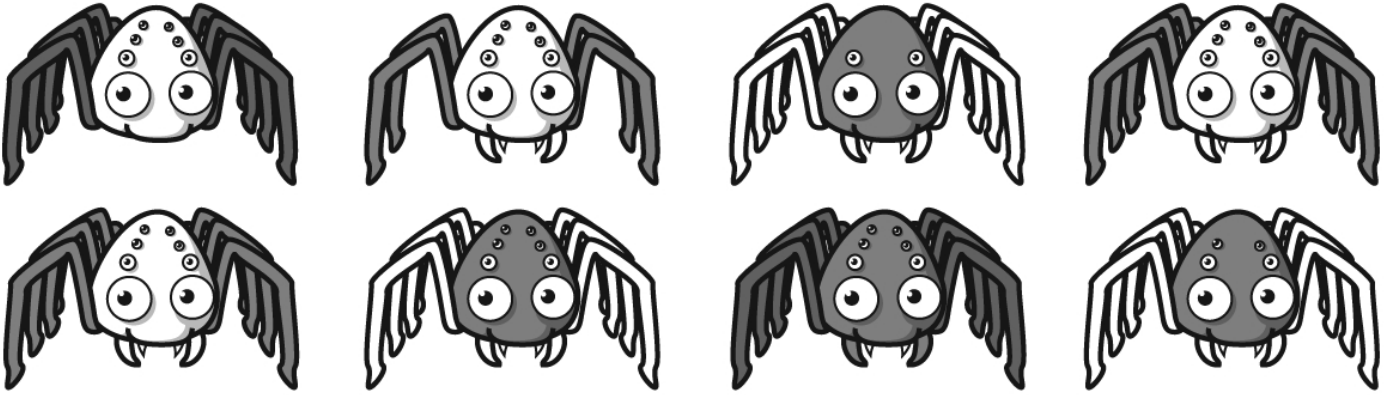
$> \underline{\quad} \quad < \underline{\quad}$

$23 \div 3 \approx \underline{\quad}$

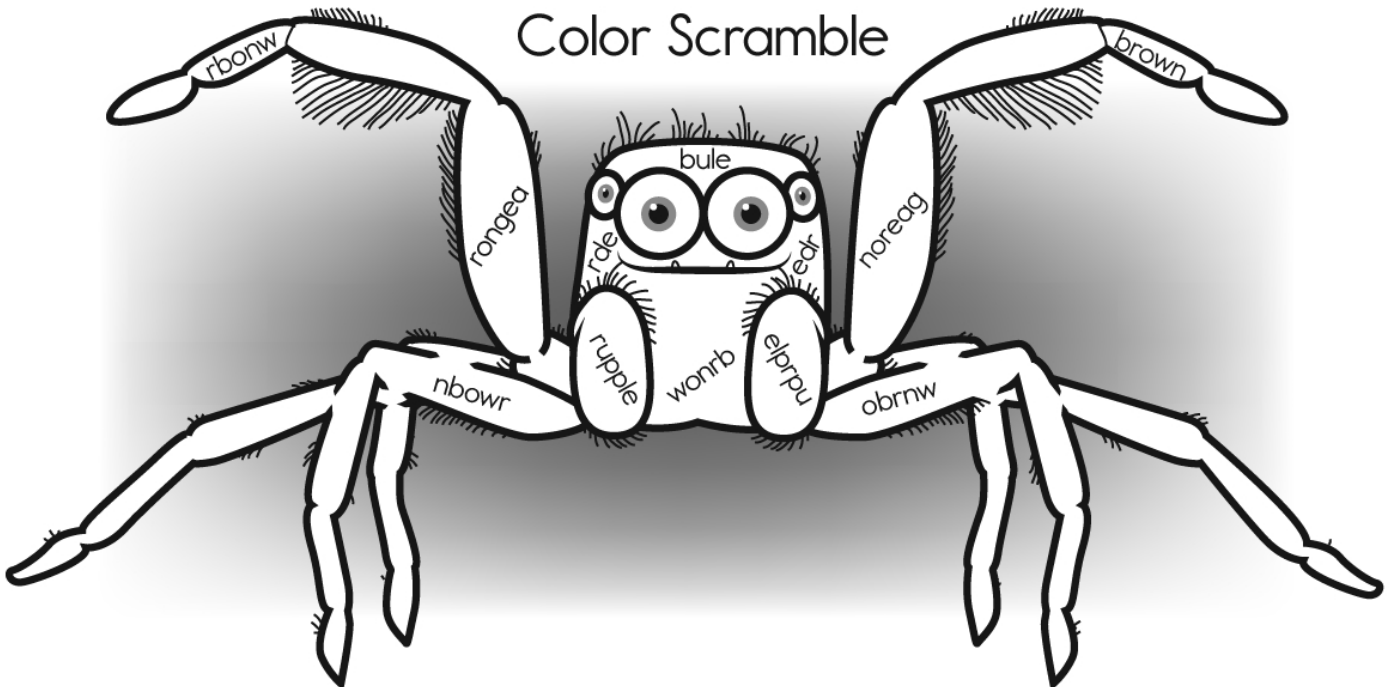
$> \underline{\quad} \quad < \underline{\quad}$

Name: _____

Circle the two spiders that are the same.



Color Scramble





Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

$$\begin{array}{r} 77 \\ - 70 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ + 95 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ + 69 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ + 74 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ - 57 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ + 26 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ - 70 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ - 48 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ + 53 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ + 44 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ - 54 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ - 55 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 99 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ + 85 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ - 35 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ - 14 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ + 98 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ + 96 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ + 66 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ - 53 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ - 24 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ + 61 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ + 15 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ - 14 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ - 36 \\ \hline \end{array}$$

Name: _____

Warnings - Do Not Ignore Them!

By Mary Perrin

Warnings are signals that tell you something unpleasant may happen. Warnings tell you to beware and to be careful in your actions. The town sirens may go off one evening when the weather is changing. The sirens are warnings that tell you a tornado is possible and to take cover in a basement, a closet, or a bathroom. Listen to warnings! Their purpose is to protect you from harm and to keep you safe. Your parents may give you warnings, too. They may warn you that the stove is hot. They may tell you that there is glass from a broken plate on the floor. Your parents tell you these things so you can be careful and keep from getting hurt. Parents also give reminder warnings. They give you reminder warnings when they remind you of how you are supposed to act and tell you what will happen if you do not obey. For example, if you do not behave for your grandma, you will not be able to spend the night with her again for a long time. No matter the type of warning, do everything you can to keep a bad situation from getting worse. If you do not, what happens next may not be good.



Warnings - Do Not Ignore Them!

Questions

1. What is the purpose of a warning?

_____ 2. If you do not respond properly to a warning, you may be putting yourself in danger.

- A. false
- B. true

_____ 3. Who or what may warn you to tell you that something unpleasant may happen?

- A. parents
- B. teachers
- C. sirens
- D. all of the above

_____ 4. What is the author's main purpose for writing this passage?

- A. to tell an entertaining story
- B. to persuade you to take warning messages seriously
- C. to demonstrate how warnings protect you
- D. all of the above

Name: _____

$93 - 69 = \underline{\hspace{2cm}}$

$$\begin{array}{r} 16 \\ + 13 \\ \hline \end{array}$$

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

$$\begin{array}{r} 12 \\ + 10 \\ \hline \end{array}$$

$$\frac{2}{3}$$

$$\frac{2}{5}$$

$$\frac{2}{7}$$

$$\underline{- \frac{1}{3}}$$

$$\underline{- \frac{1}{5}}$$

$$\underline{- \frac{1}{7}}$$

$831 + 259 = \underline{\hspace{2cm}}$

Circle each equal to 17.

$13 + 4$

$20 + 8$

$7 + 10$

$9 + 8$

$4 + 13$

$10 + 7$

$$\begin{array}{r} 37 \\ - 29 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ + \square \\ \hline \end{array}$$

37

$66,066$

$98,238$

$$\underline{- 35,515}$$

$$\underline{- 93,962}$$

$$\begin{array}{r} \square \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ \hline \end{array}$$

$18 + 81 = \underline{\hspace{2cm}}$

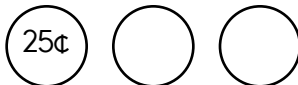
Emma made 8 cups of popcorn. She gave half of the popcorn to her mother and father. She and her little sister shared the rest of the popcorn. How much popcorn did she give to her mother and father?

Rose started brushing her hair at 3:20 p.m. She brushed until 3:33 p.m. How much time passed?

Connor and Max built a ramp to help them do roller skating stunts. The edges of the ramp formed a triangle with sides that were 5.2 feet long, 3.1 feet long, and 2 feet long. What is the perimeter of the triangle?

Students in Mr. Clark's cooking class were given $1\frac{5}{6}$ hours to make their fritters. How many minutes is this?

Draw coins needed to make a total of 36¢.



Draw coins needed to make a total of 17¢.



Name: _____

Continue the pattern.

20 23 26 29 32 _____

$865 - 162 = \underline{\hspace{2cm}}$

$2 \times 5 = \underline{\hspace{2cm}}$

581	764	882
- 535	- 474	- 141

$27 - 8 = \underline{\hspace{2cm}}$

$8 + 6 + 4 = \underline{\hspace{2cm}}$

$$\begin{array}{r} 266 \\ + 925 \\ \hline \end{array}$$

$3\frac{1}{9}$

$$\begin{array}{r} + 3\frac{8}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 878 \\ + 406 \\ \hline \end{array}$$

$1\frac{4}{5}$

$$\begin{array}{r} + 1\frac{1}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 664 \\ + 153 \\ \hline \end{array}$$

$2\frac{2}{10}$

$$\begin{array}{r} + 2\frac{8}{10} \\ \hline \end{array}$$

$55 \div 11 = \underline{\hspace{2cm}}$

Can you win at bingo? Color in a circle red if it is on the bingo board. Then color in the square on the bingo board red. Cross off a circle if you do not see it on the bingo board. Keep going until you win! Win by getting four across, down, or diagonal.

$19 + 32$

$65 + 16$

$38 + 77$

$31 + 69$

$39 + 33$

$63 + 20$

$70 + 40$

$92 + 30$

$40 + 13$

$91 + 12$

$42 + 67$

$32 + 16$

$12 + 62$

$43 + 64$

$80 + 76$

$84 + 68$

$36 + 80$

BINGO BOARD

114	127	66	81
35	56	51	43
117	171	116	154
53	83	107	48

$14 + 21$