SUNSHINE MATH - 2
Earth, I

★ 1. If November 6th is Wednesday, what day of the week is November 16th?

Answer: __________

★★★ 2. Which weighs the most, a tape holder or a stapler?

Answer: __________ is heavier.

★★★ 3. Nancy saw a car, a van, and a truck cross a bridge. The truck crossed the bridge after the van. The car crossed the bridge before the van. In what order did the car, the van, and the truck cross the bridge?

Answer: First __________,
Second __________,
Third __________

★★★ 4. Write the numbers in the boxes to make true statements. Use a calculator if it helps.

a. \( 46 - \square = 23 \)  b. \( 18 + \square = 30 \)  c. \( \square - 34 = 24 \)

★ 5. Complete the two patterns.

448, 458, 468, _____, _____, 498, _____, 518

285, 385, 485, 585, _____, _____, _____, _____, 1085
6. Tamika gets home at 3:00. A half hour later she can go play outside. Draw the hands on the clock to show when she can go play.

7. a. What is the sum of the numbers not in the rectangle? 

b. What is the sum of the numbers in both the rectangle and the circle?

c. What is the sum of the numbers in the rectangle but not in the circle?

8. Sally has 79¢. She bought an apple for 25¢ and a balloon for 13¢. How much did she have left?

Answer: ______¢

9. A lunch at Sunshine Elementary school costs 95¢. About how much would it cost to eat there for a whole school week? Circle the best answer below.

About $2  About $3  About $4  About $5

10. Jackson ate a cookie at 1:00. He ate another cookie every 2½ hours. Draw the hands to show when Jackson ate his four cookies. The 1:00 cookie is done for you.
SUNSHINE MATH - 2
Earth, II

★★ 1. Margo has nine eggs. She bought a dozen more and used a half-dozen of them. How many does she have left?

Answer: ___ eggs

★★★ 2. Find the two that come next in each pattern.
   a. B, D, F, H, J, ___, ___
   b. 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕 🐕
   c. 79, 74, 69, 64, 59, ___, ___

★★★ 3. Mario looked at his sister’s tricycle and counted 3 wheels.

If his sister had 5 friends over to play, and each brought her tricycle, how many wheels would there be?

Answer: ___

★★ 4. The area of a figure is the number of unit squares it would take to make the figure. What is the area of this figure using □ as the unit square? (Hint: Don't forget to count the half squares too!)

Answer: ___ □'s

★★★ 5. It took Marie 10 minutes to saw a board into 2 pieces. If she works just as fast, how long will it take her to saw another board into 3 pieces?

Answer: ___ minutes
6. Annie, Baldwin, and Carl each wear a number on their shirts. The numbers are 34, 25, and 18. Use the clues. Find each child's number.

Clues:
• The boys wear even numbers on their shirts.
• The sum of the digits in Baldwin's number is 7.

Answer: Annie's number is ____.
Baldwin's number is ____.
Carl's number is ____.

7. Destiny saved 3 quarters, 3 nickels, and 10 pennies each week from her allowance.

How much money will she save in 1 week? ____

How much money will she have saved after six weeks? ____________

8. The taxi moves from start to another point by going east first, and then north. It gets to the house by going 1 block east, and then 5 blocks north. Follow the taxi's path with your finger. The taxi driver's secret code for the house is (1,5). Write the secret codes for these places:

a. clown: (___,___)  b. train: (___,___)  c. elephant: (___,___)
1. Sandy needed some stickers to give to her friends. Look at the chart below. How much do 6 stickers cost?

Number of Stickers: 1 2 3 4 5 6
Cost: 15¢ 30¢ 45¢

Answer: _____¢

2. Look at this circle graph to help answer each question.

a. What does Pablo spend the least time doing?

b. What does Pablo spend the most time doing?

c. Does Pablo spend more time eating, or watching TV?

3. Choose the correct sign: >, =, or < to make this number sentence true. Then circle your answer.

16 + 12 [ ] 23 + 4

Answer: > = <

4. How much does the piece of cake weigh by itself?

Answer: ___ ounces
5. Use each number only once. Do each step in order. Cross out the number when it is used.

- Two numbers whose sum is 3
- Two numbers whose sum is 8
- Two numbers whose sum is 12
- Two numbers whose sum is 15

Circle the number left in the puzzle.

6. How many of these would it take to cover the grid below?

Answer: _____

7. Circle the best estimate for the length of the mouse's tail:

a. 5 centimeters
b. 10 centimeters
c. 2 centimeters
d. 13 centimeters

8. How many triangles are in the cat picture?

Be careful .... There are more than 25!

Answer: _____ triangles

9. Ricardo earns $2.50 each week for his allowance. How much will he have at the end of four weeks?

Answer: _____
1. Look at the calendar. If today is January 21, how many Sundays have passed in this month?

Answer: ____ Sundays

2. Look at the pattern. Circle the letter under which the number 52 would go.

   A B C D E
   1 2 3 4 5
   6 7 8 9 10
   11 12 13 14 15

3. Find the numbers that go in the boxes.

   \[
   \begin{array}{c}
   3 \square 5 \\
   - 4 \square \\
   \hline
   \square 2 2
   \end{array}
   \]

4. David is going to spin the spinner for this game. What is the chance he will land on the telephone? Write the answer using a fraction.

Answer: _____
5. A lizard fell into a 7-foot hole. Each hour the lizard crawled 2 feet up, but then stopped for a moment to rest and fell back 1 foot. Then he climbed again. How many hours did it take for the lizard to get out of the hole?

*Hint: Draw a picture of the lizard's trip.*

Answer: ___ hours


<table>
<thead>
<tr>
<th>Howard's Saturday Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>Play outside</td>
</tr>
<tr>
<td>Watch T.V.</td>
</tr>
<tr>
<td>Eat lunch</td>
</tr>
<tr>
<td>Watch T.V.</td>
</tr>
<tr>
<td>Play inside</td>
</tr>
<tr>
<td>Eat dinner</td>
</tr>
<tr>
<td>Watch T.V.</td>
</tr>
</tbody>
</table>

Answer: _____ hours

7. A fence has 6 poles from one end to the other. The poles are 10 feet apart. How long is the fence?

Answer: _____ feet

8. Write a number in each empty shape to complete the chain correctly.

```
START  -7  +5  -9  -8  +3  17
```
1. What is the mass of the hot dog and bun? Circle your answer.
   a. 50 grams
   b. less than 50 grams
   c. more than 50 grams

2. The pattern below repeats the same four figures. Draw the 15th figure in the pattern:
   
   Answer: The 15th figure is: ________

3. How much does an apple cost?
   
   Answer: _______ ¢

4. Maria weighed her two identical puppies. How much did each puppy weigh?
   Answer: ____ pounds
5. Vilma turned 16 years old in 1995. In what year was she born?

Answer: _____

6. Find a number greater than 6,285 and less than 6,582. Use these numbers.

2 5 8 6

Answer: The number is _____

7. Look at the graph. Answer both questions.

a. How many like raspberry?

_____

b. How many like either lemon or strawberry?

_____

8. I am thinking of two numbers that add to twenty-one. One number is 3 more than the other. What are my numbers?

Answer: _____ and _____

9. Place 1, 2, 3, 4, 5, and 6 in the circles so each side of the triangle has the sum of 11.
SUNSHINE MATH - 2
Earth, VI

★★ 1. Complete the number patterns. Circle if the pattern is increasing or decreasing and tell the amount.

45, ____ , 55, 60, ____ , ____ , 75
Increasing or Decreasing?  By how much? _____

72, 62, ____ , 42, ____ , ____ , 12
Increasing or Decreasing?  By how much? _____

★★★★ 2. Tell what numbers to use for ?, so both sides of the scale will balance.

a. \[ \text{7 + 8} \quad \text{? + 6} \quad ? = \] 
\[ \triangle \]

b. \[ \text{9 - 4} \quad \text{7 - ?} \quad ? = \]
\[ \triangle \]

★★ 3. Which one of these shapes can be drawn without lifting your pencil or going over the same line twice? Circle it.

a.  
b.  
c.  
4. How much does the ball weigh?
Answer: ___ grams

5. Circle the answer.

6. Find the pattern. Fill in each blank.
   ______, ______, 69, 71, 73, 75, _________

7. Draw twice as many rocks in the right hand, as are in the left hand. Now how many more fingers are there, than rocks?
Answer: ___ more fingers

8. Use the calendar to answer these questions:
   a. Whose birthday is September 17?
   ____________
   b. When is Tim's birthday?
   ____________
   c. Who has a birthday on Monday?
   ____________
   d. How many Fridays are in this month?
   ____________
SUNSHINE MATH - 2
Earth, VII

★ 1. Sam's dog chewed a hole in his homework. Now he cannot see the numbers in the ones place. Circle the best estimate using the numbers you can see.

about 50  about 30  about 110

★★★ 2. Maria has 2 quarters, 1 dime, and 3 nickels. She wants to buy the crayons and pencil. Does she have enough money? Circle your answer.

Answer: yes  no

★★ 3. If you put a quarter a day into your piggy bank, how much money would you have in a week?

Answer: ________

★ 4. Herrick was asked to estimate the answer to this problem. Circle the best estimate below.

600  700  800
5. Estimate to the nearest hundred.

Jenny has 482 marbles, 216 stickers, and 91 shells. About how many items does Jenny have?

About ___________ items

6. Use the picture to help you solve the problem.

2 pints = 1 quart
Circle the set which holds less milk.

7. Joshua has $21.00. A small pizza costs $4.00 and a six pack of soda costs $2.00. He wants to buy 3 pizzas and 2 six packs of soda. Does he have enough money?

Circle your answer.
Answer: yes no $4.00 $2.00

8. What is the starting number?

starting number → add 3 → subtract 5 → 10
Answer: The starting number is ___

9. Help Crocky, the baby crocodile, travel across the pond. Fill in the missing number on the first lily pad.

Answer: ____
SUNSHINE MATH - 2
Earth, VIII

★★ 1. Bill found 7 snakes and 16 frogs on Saturday. That night
3 of the snakes and 12 of the frogs escaped into the woods.
How many animals did Bill have left?
Answer: _____ animals

★ 2. How many different 2-digit numerals can be made from
the digits below? Do not count 22, 66, 77, and 88.
Answer: There are ____ 2-digit numerals that can be made from
those shown to the left.

★★ 3. Show the fraction of each circle that is shaded
in. Put the fraction in the box beside the circle.

★★ 4. Circle the answer.

★★ 5. How many minutes in 2 hours?
Answer: ____ minutes

★★★ 6. Write the correct number in the □.

a. □ + 6 = 11  b. 28 - □ = 10  c. □ - 5 = 44
7. Count the jelly beans in the jar. Is the total number of jelly beans an *odd* number, or an *even* number?

Answer:
There are ____ jellybeans.
This is an ____ number.

8. The Jones kids got a dime each day they made up their beds. One week Marsha earned 40¢, Danny earned 50¢, Molly earned 40¢, and Bruce earned 20¢. Make a pictograph to show how much money each kid earned.

| Marsha:          | Key:  
|------------------|---
| Danny:           |   =  
| Molly:           | 
| Bruce:           | 

9. If you throw a dart at this dartboard, what is the chance you will land on stripes? Write the answer as a fraction.

Answer: My chance is

10. Read the list of numbers. Choose only the *even* numbers and add them together. What is the sum?

fourteen eleven eighty-eight
thirty-seven one hundred sixteen
twenty-nine forty-three

Answer: ______

11. Use cubes to make this figure.
Write how many cubes there are.

Answer: _____ cubes
SUNSHINE MATH - 2
Earth, IX

★★ 1. Complete the addition problems. Write numbers in the boxes.

\[
\begin{array}{ccc}
\text{a. } & 3 & 2 \\ + & 0 & 3 \\ \hline & 6 & 5 \\
\text{b. } & 2 & 0 \\ + & 2 & 3 \\ \hline & 7 & 6 \\
\end{array}
\]

★ 2. Carolla is older than Tremaine. Carolla is younger than James. Who is the oldest?

Answer: ______

★ 3. How many ounces of plant food does Marcus need to mix with 3 gallons of water?

Answer: _____ ounces

★★ 4. A block weighs 4 grams. How much does a can weigh?

Answer: _____ grams

★★ 5. Every letter of the alphabet has a money value:

<table>
<thead>
<tr>
<th>Letter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>$1</td>
</tr>
<tr>
<td>B</td>
<td>$2</td>
</tr>
<tr>
<td>C</td>
<td>$3</td>
</tr>
<tr>
<td>D</td>
<td>$2</td>
</tr>
<tr>
<td>E</td>
<td>$1</td>
</tr>
<tr>
<td>F</td>
<td>$2</td>
</tr>
<tr>
<td>G</td>
<td>$1</td>
</tr>
<tr>
<td>H</td>
<td>$2</td>
</tr>
<tr>
<td>I</td>
<td>$1</td>
</tr>
<tr>
<td>J</td>
<td>$2</td>
</tr>
<tr>
<td>K</td>
<td>$1</td>
</tr>
<tr>
<td>L</td>
<td>$2</td>
</tr>
<tr>
<td>M</td>
<td>$1</td>
</tr>
<tr>
<td>N</td>
<td>$2</td>
</tr>
<tr>
<td>O</td>
<td>$1</td>
</tr>
<tr>
<td>P</td>
<td>$2</td>
</tr>
<tr>
<td>Q</td>
<td>$1</td>
</tr>
<tr>
<td>R</td>
<td>$2</td>
</tr>
<tr>
<td>S</td>
<td>$1</td>
</tr>
<tr>
<td>T</td>
<td>$2</td>
</tr>
<tr>
<td>U</td>
<td>$1</td>
</tr>
<tr>
<td>V</td>
<td>$2</td>
</tr>
<tr>
<td>W</td>
<td>$1</td>
</tr>
<tr>
<td>X</td>
<td>$2</td>
</tr>
<tr>
<td>Y</td>
<td>$1</td>
</tr>
<tr>
<td>Z</td>
<td>$2</td>
</tr>
</tbody>
</table>

What is the money value of: "I love Math?" $_______
6. Mickey Mouse asked 16 kids how many glasses of milk they drink each day. He then made this line plot. Answer the questions below.

a. How many kids drink 1 glass of milk each day?
   Answer: _____ kids

b. Four kids drink 2 glasses of milk each day. How many total glasses of milk is this each day?
   Answer: _____ glasses

c. Five kids drink 3 glasses of milk each day. How many total glasses of milk is this each day?
   Answer: _____ glasses

d. How many total glasses of milk do all 16 kids drink each day?
   Answer: _____ glasses

7. This piece of paper is $8 \frac{1}{2}$ inches wide. Use this information to estimate the length of the pencil below. Circle the best estimate.

   Best estimate: 6 inches or 10 inches or 4 inches

8. Draw the 17th picture in this pattern in the box:

9. 

   A   B   C
SUNSHINE MATH - 2
Earth, X

★ 1. The movie begins at 2:30 p.m. It runs for 2 \( \frac{1}{2} \) hours. What time will the movie be over?

Answer: _____ p.m.

★★★ 2. Five students played darts. The chart shows the points for the first turn.

<table>
<thead>
<tr>
<th>Name</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lisa</td>
<td>2</td>
</tr>
<tr>
<td>John</td>
<td>7</td>
</tr>
<tr>
<td>Fran</td>
<td>10</td>
</tr>
<tr>
<td>Micky</td>
<td>5</td>
</tr>
<tr>
<td>Suki</td>
<td>7</td>
</tr>
</tbody>
</table>

a. John outscores Lisa by how many points? _____

b. The team of Lisa, Fran, and Suki outscores the team of John and Micky by how many points? _____

c. Suki had a total of 12 points after her second turn. How many points did she score on her second turn? _____

★★ 3. Find the answer to this problem by using a calculator. 11004 - 3269

Turn the calculator upside down.

What word does it spell? ____________

★★ 4. There were 27 children and 18 adults at the picnic. Twelve of the children were in the egg-toss contest. How many children were not in the egg-toss contest?

Answer: ____ children
5. Below are some stairs made of cubes. The highest step is 3 cubes high. It takes 6 cubes to make these stairs. How many cubes would it take to make stairs if the highest step was 5 cubes high?

Answer: _____ cubes

6. The school library keeps a record of how many books are checked out. Use the chart to answer the following questions.

<table>
<thead>
<tr>
<th>Daily book chart</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
</tr>
<tr>
<td>Tuesday</td>
</tr>
<tr>
<td>Wednesday</td>
</tr>
<tr>
<td>Thursday</td>
</tr>
<tr>
<td>Friday</td>
</tr>
</tbody>
</table>

a. On what day were the most books checked out? _____
b. On what day were 11 books checked out? _____
c. On what 2 days was a total of 25 books checked out? _______ and _______

7. Draw what comes next in this pattern.

8. Maria dropped a thumb tack 100 times. Her results are shown in the chart. What is the best judgement she can make about dropping a thumb tack? Check your choice.

- It is more likely to land up than down.
- It is more likely to land down than up.
- It is just as likely to land down as up.
SUNSHINE MATH - 2
Earth, XI

★★★ 1. Tanya has 60¢ in dimes and nickels. She has the same number of dimes as nickels. How many of each does she have?

Answer: _____ dimes and _____ nickels

★ 2. 47 pigs ran a race. 21 of them did not finish the race. How many pigs finished?

Answer: _______ pigs

★★ 3. Name the domino that matches all of the clues below:

A  
B  
C  
D  

▲ I have 12 dots.
▲ There is an odd number of dots at each end.
▲ I have at least 4 dots on each end.

Answer: _____

★★ 4. How many cubes does it take to make these steps? Each step is 3 blocks wide.

Answer: _____ cubes
5. Sue, George and Rose are learning to tell time. They have brand new watches. Match the letter of the person with their watch.

a. Sue said, "It is time to go home from school."

b. George said, "It is time for school to start."

c. Rose said, "It is 4:30 and time for soccer practice."

Answers: ______ ______ ______

6. Taffy had 3 female puppies. Two years later each puppy had 3 puppies herself. How many grandpuppies did Taffy have?

Answer: ______

7. Write the operation and the number that will get you to the next number.

Example: Given 5 12 You write 5 + 7 12

Problem: ______ ______ ______ ______

8. A doubles fact means a number is added to itself. 2 + 2 = 4 and 5 + 5 = 10 are doubles facts. Write the doubles fact for each picture below:

_______ _______ _______
SUNSHINE MATH - 2
Earth, XII

★ 1. Kamisha is a traveling salesperson. In two months, she traveled eighty hundred miles. How many thousands of miles did Kamisha travel?

Answer: _______ thousands

★★★★ 2. Use a calculator to do each problem below:

\[ 25 + 48 + 65 = \] 103 + 22 + 79 =

\[ 85 - 38 + 26 = \] 219 + 36 - 95 =

★★ 3. Cindy's mother had four eggs. She bought a dozen more and used up half a dozen making brownies. How many eggs does she have left?

Answer: _______ eggs

★★★ 4. Write the temperature shown on each thermometer. Put your answer on the line beside the thermometer.

![Thermometer Images]

★★★★ 5. Pet's Pleasure is the only dog food Honey will eat. It is sold in packages that contain 6 servings. Honey eats 5 packages a month. How many servings of Pet's Pleasure does she eat?

Answer: _____ servings
6. This table shows bowling scores for four months.

<table>
<thead>
<tr>
<th></th>
<th>Sally</th>
<th>Saul</th>
<th>Sal</th>
</tr>
</thead>
<tbody>
<tr>
<td>June</td>
<td>141</td>
<td>189</td>
<td>176</td>
</tr>
<tr>
<td>July</td>
<td>187</td>
<td>198</td>
<td>211</td>
</tr>
<tr>
<td>Aug.</td>
<td>175</td>
<td>131</td>
<td>185</td>
</tr>
<tr>
<td>Sept.</td>
<td>146</td>
<td>165</td>
<td>186</td>
</tr>
</tbody>
</table>

If the scores were rounded to the nearest hundred, during which month would each bowler have a 200 average?

Answer: _________

7. I am less than 20 years old. Count by 3’s and you say my age. Count by 5’s and say my age. How old am I?

Answer: _____

8. Each cookie has 10 chocolate chips in it. How many chocolate chips are in a box of 25 cookies?

Answer: ______ chocolate chips

9. What will the paper look like when the paper is unfolded after the hole is punched? Circle the answer.

Answer: A

10. Circle the answer.

\[
4 = 9 - 3 - \_ \]

Answer: D
SUNSHINE MATH - 2
Earth, XIII

★★★ 1. Five swans are swimming in a line. Freida is ahead of Margie. Sandra is behind Margie. Billy is between Sandra and Margie. Clint follows Sandra. Label the swans below to show how they are lined up.

★★ 2. Marita’s mom travels to different towns each day. She leaves at 4:00 a.m. and returns at 3:00 p.m. She traveled 50 miles on Monday morning and 20 miles Monday afternoon. How far did she go on Monday?

Answer: _______ miles

★★★ 3. What will the paper look like when the paper is unfolded after the hole is punched? Circle the answer.

★★ 4. I had 34¢. I lost a dime. How much money do I have now?

Answer: _______ ¢
5. Finish filling in the box with numbers by adding and subtracting. Subtract and add in the directions shown by the arrows.

(Hint: In the top row, 15 goes between 26 and 11 since $26 - 15 = 11$.)

6. A ribbon is 20 inches long. If you cut it with a pair of scissors into one-inch pieces, how many snips would it take?

Answer: ________ snips

7. Tanya guessed there were 65 beans in a jar. Her guess was off by 20. Bryan guessed there were 35 beans in the jar. He was off by 10. How many beans are in the jar?

Answer: ________ beans

8. Christmas Day, December 25th, came on Friday one year. How many Sundays were left in that year?

Answer: ________ Sunday(s)

9. Write the standard numeral for these expanded numerals.

A. $70 + 6 + 300 = _____$

B. $4 + 500 = _____$

C. $200 + 5 + 60 = _____$
SUNSHINE MATH - 2
Earth, XIV

★★★ 1. Figure out which option fits into the open box in the bottom row. Circle the answer.

```
  △ △  ⇒  □ □ □  ⇒  □ □ *  □ *  □ * *  □ * □  □ □  ?
  △ △  □ * *  □ * *  □ * *  A  B  C
```

★★ 2. Press the keys below on your calculator. Record your answer on the line.

A. \[ 4 + 4 = \] _____
B. \[ 4 \times 10 \] → _____

★★★ 3. Princess Dianne counted the golden buttons on her 2 royal robes. One robe had 2 buttons. The other robe had 20 buttons. Her sister, Princess Joy, had 5 robes with 4 golden buttons on each robe.

Which princess had more golden buttons? _____
How many more? _____

★★ 4. A movie begins at 11:00 a.m. and runs for one and a half hours. What time will the movie be over?

Answer: _____

★ 5. How many miles from Orlando to Oviedo?

Answer: ____ miles
6. My name costs $13. Look at the letter prices. Is my name Jan, Meg, or Ann?

<table>
<thead>
<tr>
<th>Letters:</th>
<th>Letters:</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3 each</td>
<td>$5 each</td>
</tr>
<tr>
<td>A B C</td>
<td>M N O</td>
</tr>
<tr>
<td>D E F</td>
<td>P Q R</td>
</tr>
<tr>
<td>G H I</td>
<td>S T U</td>
</tr>
<tr>
<td>J K L</td>
<td>V W X</td>
</tr>
</tbody>
</table>

Answer: ________

7. Ronnie is 6 years old. Chauncey is 3 years older than Ronnie. Quartasha is 2 years older than Chauncey. How old is Quartasha?

Answer: ________ years old

8. What's my name?

- My shirt has short sleeves.
- My shirt has 3 buttons.
- My shirt has stripes on the sleeves.

Answer: ________

9. Circle the answer.

\[
\begin{array}{cccc}
0 &=& 6 & + 1 & - ? \\
\end{array}
\]

\[
\begin{array}{cccc}
7 & 1 & 2 & 8 \\
A & B & C & D \\
\end{array}
\]
SUNSHINE MATH - 2  
Earth, XV

★★★★ 1. Finish coloring the map using only 4 colors – blue, red, green, and yellow. No state can be the same color as a state which touches it along a line. No state that touches the outside can be blue.

![Map of the United States with coloring key]

Key:  
B means blue  
G means green  
Y means yellow  
R means red

★ 2. Put the correct sign (>, <, or =) in the box to make this number sentence true.

25 + 13 [ ] 18 + 17

★★★ 3. Answer the three riddles below:

a
Double me and add 1 to get 13.
Who am I? ___

b
Double me and add 5 to get 9.
Who am I? ___

c
Double me and then take away 1 to get 9.
Who am I? ___

★★ 4. LaToya has 6 flower pots. She wants to plant 5 flowers in each pot. How many flowers does she need?

Answer: ____ flowers
5. Write these numbers in order from smallest to largest.
289, 430, 521, 167, 305

Answer: ___, ___, ___, ___, ___

6. Use the digits, 3, 8, and 2. Make six 3-digit numbers. Each digit can be used only one time in a number.

Answer: ___ ___ ___ ___ ___ ___

7. I am a capital letter made of 3 line segments. Two of my segments are equal and parallel. My third segment is shorter and intersects both parallel line segments. What letter am I?

Answer: ________

8. Figure out which option fits into the open box in the bottom row. Circle the answer.

9. Circle the answer.
SUNSHINE MATH - 2
Earth, XVI

★★ 1. A plane left Atlanta to go to Orlando and then Miami. 186 people were on the plane when it left Atlanta. 5 people got off in Orlando but 20 people got on. How many people were on the plane when it got to Miami?

Answer: _______ people

★★★ 2. You have 1 dollar, 1 quarter, and 2 dimes. Circle the most expensive toy you can buy.

$1.55
$1.30
$1.45
$1.60

★★★ 3. Jason lined up 5 toy cars. He placed the blue car between the yellow car and the red car. He put the yellow car last. He placed the purple car behind the green car. Label the color of the cars below as Jason lined them up.

★★ 4. Mom had 25 cookies. She ate 2 cookies, Frederick ate 8, Andy ate 6, and Dad ate the rest. How many cookies did Dad eat?

Answer: _______ cookies
5. Write the digits in the boxes below so the problems will be correct.

a. \[ \begin{array}{c}
2 \square \\
+3 \ 5 \\
\hline
5 \ 7 \\
\end{array} \]

b. \[ \begin{array}{c}
\square \ 7 \\
-4 \ 6 \\
\hline
2 \ 1 \\
\end{array} \]

c. \[ \begin{array}{c}
7 \ 3 \\
+1 \ \square \\
\hline
9 \ 2 \\
\end{array} \]

d. \[ \begin{array}{c}
5 \ 6 \\
- \ \ \ \ \ \ \ \ \ \ \ \ \ \\
\hline
2 \ \square \\
\end{array} \]

6. How many squares are in this picture?

Answer: ____ squares

7. How much weight does it take to balance 2 apples? Write the weight inside the box below.
SUNSHINE MATH - 2
Earth, XVII

★★★ 1. The perimeter of a shape is the distance around it. A square has sides that are 18 centimeters long. What is the perimeter of the square?

Answer: _______ centimeters

★★ 2. Saie and Munjori are reading. Saie read from the top of page 35 to the bottom of page 45. Munjori read 10 pages. Who read more pages?

Answer: _______

★★★ 3. Circle the answer.

★★ 4. Mike wants to buy a pen that costs 39¢, a pad for 47¢, and an eraser for 22¢. He has a piggy bank full of quarters. How many of his quarters will he need to make his purchases?

Answer: _______ quarters

★★★ 5. Figure out which option fits into the open box in the bottom row. Circle the answer.
6. Circle the spinner with the best chance of landing on G.

7. Place the digits 1 to 9 inside the circles so that the sum will be 17 along each side. Use each digit once.

8. What will the paper look like when the paper is unfolded after the hole is punched? Circle the answer.

9. Circle the answer.

\[
\begin{array}{ccc}
? & - & 8 \\
4 & 6 & 5 \\
\end{array} = \\
\begin{array}{c}
9 \\
\end{array}
\]
1. Which weighs more, a pencil or a ruler?

Answer: ________

2. A school lunch costs Tanya $1.25. About how much does she pay to eat at school for a whole week? Circle the best answer.

$3  $5  $4  $6

3. A famous military building in Washington, D.C. is called the Pentagon because of its shape. On the 4th of July a flag is flown on each side of the building. How many flags are needed?

Answer: ________ flags

4. Parker has 26 golf balls. She gives Bryan 19 golf balls. How many golf balls does Parker have left?

Answer: ________ golf balls

5. How many different ways can Marcus get from his house to school? (HINT: Make a list, starting with Oak Street, Main Street.)

Answer: ________ ways
6. Look at the graph of 20 games played. Answer the three questions below the graph.

<table>
<thead>
<tr>
<th>Basketball Games Won</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Magic</strong></td>
</tr>
<tr>
<td><strong>Pacers</strong></td>
</tr>
<tr>
<td><strong>Heat</strong></td>
</tr>
<tr>
<td><strong>Rockets</strong></td>
</tr>
</tbody>
</table>

**Key:** ♦ means 1 win

A. How many more games did the Magic win than the Heat? _______ more games

B. Which team won exactly 2 games more than another team? _______

C. Fill in the chart so that each team has the same number of wins for those 20 games.

<table>
<thead>
<tr>
<th>Basketball Games Won</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Magic</strong></td>
</tr>
<tr>
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</tr>
<tr>
<td><strong>Heat</strong></td>
</tr>
<tr>
<td><strong>Rockets</strong></td>
</tr>
</tbody>
</table>

7. One pizza slice costs 50¢. How much would the whole pizza cost?

Answer: ______

8. Do these problems on your calculator:
   a. $46 + 54 + 80 + 209 = _____$
   b. $289 + 303 - 578 = _____$
   c. $375$
      $68 = _____$
      $+396$

1. Sharon has 4 baseballs and 6 softballs. She also has 8 bats. Does she have more bats or more balls? How many more?

Answer: She has ___ more _____ than ___.

2. Circle the drawings that fold and make a cube.

3. Jon is at the County Fair. He wants to go for rides on the ferris wheel. Today he can ride 5 minutes for 3 tickets. He has 18 tickets left. How many minutes in all can Jon ride on the ferris wheel?

Answer: _______ minutes

4. Susie scored 37 points in her first bowling game. She scored 20 points more in her second game than she did in her first. What was her total score for both games?

Answer: _______ points
5. Markus has to be at school at 8:00. The time he leaves his house is shown on the clock. How long does he have to get to school?

Answer: _______ minutes

6. Kim needs 10 inches of ribbon to make a bookmark. A spool of ribbon has 86 inches. Can Kim make a bookmark for each of her 9 friends from one spool of ribbon?

Answer: _______

7. Circle the kite that belongs to Tom. It has a tail with two bows. The bows do not match the pattern on the kite. The pattern on the kite rhymes with "yipes."

8. Parents with vans were taking Mr. Axel's class to the zoo. The class has 31 students. If each van holds 7 students, how many vans were needed?

Answer: _____ vans
1. Ann was asked to find the number of marbles that were added to the other marble groups to get the total. Can you find the number?

3 marbles + ____ marbles + 2 marbles = 13 marbles.

Answer: ____ marbles

2. Joe has 3 quarters, 1 dime and 2 nickels in his piggy bank. How much money does he have to spend in the candy store?

Answer: ______ cents

3. A gerbil costs $4.86. Charlie has 4 one-dollar bills, 1 quarter, 3 dimes, and 6 nickels. Does Charlie have enough money to buy a gerbil?

Answer: ______

4. Find the area of the dotted figure.

Answer: ______ square units
5. Tamika found 25¢ at the beach. She also found 36¢ on a walk in the park and another 48¢ in a purse in her toy box. How much money does she have in all?

Answer: ________

6. Write or rewrite the money value in problem 5 with a dollar ($$) sign.

Answer: ________

7. Help the robot find his way at the zoo. Tell him how many steps over, and how many steps up, to find an animal. The robot always starts at X.

The first is done for you in the chart.

<table>
<thead>
<tr>
<th>To find the:</th>
<th>Go over:</th>
<th>Go up:</th>
</tr>
</thead>
<tbody>
<tr>
<td>donkey</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>lion</td>
<td></td>
<td></td>
</tr>
<tr>
<td>elephant</td>
<td></td>
<td></td>
</tr>
<tr>
<td>fish</td>
<td></td>
<td></td>
</tr>
<tr>
<td>bird</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8. Tom is helping his sick neighbor by taking her dog for a walk every day, bringing her the mail, and doing other odd jobs. Mrs. Burns pays him $7.50 a week for his help. How much will he earn in 4 weeks?

Answer: ________

9. Find the pattern in these numbers and then continue the pattern by writing the next three numbers.

1 6 3 8 5 10 7 ______ ______ ______
1. Isabella gave 3/6 of her 6-pack of soda to her friends. Antoine drank ½ of his 6-pack of soda.

   a. Who has the most soda remaining? ______
   b. What fraction is bigger, 3/6 or 1/2? Or are they equal fractions? ______

2. Look at the class to the right.

   a. What fraction of the students are girls? ______
   b. What fraction of the students are boys? ______

   Key: Boy is ☢️
   Girl is 🐰

3. In the classroom above, which is larger, the fraction of girls or the fraction of boys? ______

4. Kelley just showed up for lunch and got in trouble for being 15 minutes late.
   What time should she have been at the table?

   Answer: ______

5. What fraction of the cake has been eaten? ______
   What fraction of the cake is left? ______

6. Kids were asked if they preferred pizza or ice cream. The results are shown in the pie chart.

   a. What fraction of the students liked pizza best? ______
   b. What fraction liked ice cream best? ______
7. Robin gave her friend a puzzle like the one below. Solve the number puzzle yourself!

Find \( \ast + 11 \) if you know that \( 8 + \ast = 12 \).

Answer: \( \ast + 11 = \) _____

8. There was a line waiting for movie tickets. Sue realized that there were 6 people in front of her and 6 people behind her in the line. How many people were waiting in line for movie tickets?

Answer: ________ people

9. A turtle crawls up a 12 foot hill after a heavy rainstorm. The turtle crawls 4 feet, but when it stops to rest, it slides back \( 1 \frac{1}{2} \) feet. How many tries does the turtle make before it makes it up the hill?

Answer: ________ tries

10. Four classmates are to stand in order from tallest to shortest. Tom is taller than Sally. Sally is taller than Bob. Maria is taller than Bob but shorter than Sally. Using the clues, place the four friends in order from tallest to shortest.

Answer: Tallest ________ ________ ________ ________ Shortest
SUNSHINE MATH - 2
Earth, XXII

1. Use the rule given. Write the missing numbers.

   Rule: If $x$ is a number in column A, then $x - 7$ is beside it in column B.

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

2. An index card is shown to the right. How many rectangles are formed on this card?

   Answer: _____ rectangles

3. Mrs. Buchanan's third grade class needs 150 paper napkins for a party. A small package of 50 napkins costs $0.99. A large package of 150 napkins costs $2.75. How much money would the class save by buying the large package of napkins?

   Answer: ________

4. Georgia is making a patio in the shape of a rectangle. The width of the patio is 10 feet. The perimeter is 50 feet. What is the length of the patio?

   Answer: _____ feet
5. At the baseball game, Brian saw a player hit a home run. About how far did the ball go? Circle the most reasonable answer.
   a. 8 feet  
   b. 300 feet  
   c. 2,500 feet

6. What will the paper look like when the paper is unfolded after the hole is punched? Circle the answer.

   ![Paper unfold options]

   A  
   B  
   C  
   D

7. Look at the spinner.
   
   a. Which are you more likely to spin, a 2 or a 3?_____
   
   b. Which is more likely, a 1 or a 4?_____

8. On Monday 2 students went to the school store. On Tuesday, 4 students went, and on Wednesday, 8 students. If the pattern continues, how many students will go to the school store on Friday?

   Answer:_______ students
SUNSHINE MATH - 2
Earth, XXIII

★★★★ 1. Joshua gave Warren a birthday present. How much ribbon did he need to go around the present and make the bow? The bow took 12 inches by itself.

Answer: _____ inches

★★ 2. Ann gets up at 6:15 AM. It takes her 30 minutes to get ready for school, 10 minutes to eat breakfast, and 5 minutes to walk to the bus stop. At what time does she reach the bus stop?

Answer: _______ AM

★ 3. John is emptying tennis balls into a bin for a special sale to help his father. Each can holds 3 tennis balls. How many balls will be in the bin if he empties 7 cans?

Answer: _______ balls

★★ 4. Drew has $2.00 to spend. He wants to buy a box of crayons and a bottle of paste. Use the posted prices below. Does Drew have enough money?

Answer yes or no

Answer: _______
5. David had 1 bug in his insect collection on Monday, 3 bugs on Tuesday, 6 bugs on Wednesday, and 10 bugs on Thursday. If this pattern continues, how many bugs will he have in his collection on Saturday?

Answer: _____ bugs

6. Five basketball teams are playing in a tournament. The teams will play each other only one time. How many games will be played by the end of the tournament? (Hint: Draw a picture or make a list of the teams playing.)

Answer: ______ games

7. What is the least number of coins that can be used to give a customer 42¢ in change? What are the coins?

Answer: _____ coins
List the coins: ____________________________

8. Find the missing digits in the following problems. Place your answers in the boxes.

A  
2 \[ \phantom{0} \] \[ \phantom{0} \]  
+ \[ \phantom{0} \] 6  
\[ \phantom{0} \] 6 9  

B  
5 4  
+ \[ \phantom{0} \] 2 \[ \phantom{0} \]  
\[ \phantom{0} \] \[ \phantom{0} \] 1  

C  
6 5  
+ \[ \phantom{0} \] 3 \[ \phantom{0} \]  
\[ \phantom{0} \] 1 3 \[ \phantom{0} \]
1. How many small blocks does it take to build the set of steps below?

Answer: _____ blocks

2. Write the correct number or symbol in each box.

\[1 = 9 - \square \quad 11 = 3 \square 8 \quad 4 = 4 \square 0\]

3. The students in Mrs. Jower's third grade class are taking turns going to the library. Five students went to the library first. When they returned, 10 students went. The third time, 15 students went to the library. If the pattern continues, how many students will go to the library on the fifth trip?

Answer: ______ students

4. Samantha earns $2.50 each week for helping her father mow the grass. If she saves all of her money, how much will she have in 6 weeks?

Answer: ____________

5. I am a triangle. My perimeter is 96 centimeters. Two sides are 34 centimeters and 25 centimeters long. How long is my third side?

Answer: ____ cm
6. Julio's dad didn't have enough candles for his cake, so he let the dark candles stand for 2 years and the white candles for 1 year. How old was Julio?

Answer: _____ years old

7. Look at the graph and answer the following questions:
   a. Which children read at least 20 books? Answer: __________________
   b. How many more books did John read than Al? Answer: ___
   c. Who read the same number of books? Answer: _____ and _____
   d. If Al read a total of 12 books for May and June, how many books did he read in June? ___

8. Pam gave her friend Tammy the number riddle below. Solve it.

   I am a 2-digit number less than 84. The sum of my digits is 9. The ones digit is twice the tens digit. What number am I?

   Answer: _____
This is the last Sunshine Math assignment for this 2017-2018 school year, 25 in all.

SUNSHINE MATH - 2
Earth, XXV

★★ 1. Write the following in standard form without adding.

30 + 700 + 8 + 5,000

Answer: ________

★★ 2. There are 5 red, 3 green, and 4 blue marbles in a bag. What would be the chance of getting a red marble if the marble was pulled out of the bag without looking?

Answer: ________

★★★ 3. The 30 students in Mrs. Brown's third grade class are preparing for a Trivia Contest in the afternoon. Each team will have 4 members. How many teams can the students make if two classmates are absent?

Answer: ________ teams

★★★★ 4. Find the number of rectangles in this visual challenge presented by David.

Answer: _____ rectangles

All Sunshine Math assignment(s) must be submitted by April 24, 2018.
All Sunshine Math assignment(s) must be submitted by April 24, 2018.

★★ 5. Laquinda has a number riddle for you to solve:

I am a two-digit number less than 40. You say me when you count by fives. The sum of my digits is 7. What number am I?

Answer: ______

★★★ 6. Look at the top two scales. Decide how many pencils would balance three marbles. Draw that number of pencils on the bottom scale.

★★★ 7. Dan went to the bookstore. He has spent $17.00 of his $20.00 already. He needs to buy a few disks. How many can he buy with his remaining money if each disk costs 90¢?

90 ¢ each

Answer: ______ disks

★★★★ 8. A magician weighed his twin rabbits and identical hats together and got 18 pounds. He then weighed one hat and got 3 pounds. What was the weight of one rabbit?

Answer: ______ pounds

To find out if you have any missing Sunshine Math assignment(s), please email Thoang2012@verizon.net.