

Learn
BRIGHT

END OF YEAR



GRADE 1

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Teacher Notes

Lesson Title: **What Kids Need to Know by the End of First Grade**

Subject: **Math**

Approximate Grade Level: **1**

Objectives: Students will demonstrate an understanding of the basic mathematic calculations for children completing first grade. Teachers will use the lesson to assess students' general mathematical knowledge of students completing the first grade.

Common Core State Standards:
CCSS 1

Class Sessions (45 minutes):
1 – 2 classes

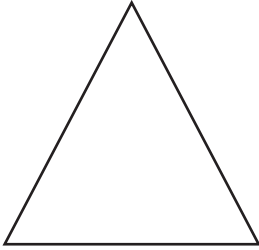


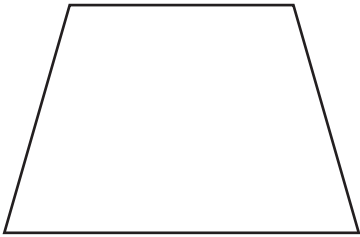
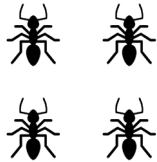
Teaching Materials/Worksheets:
Pre-Assessment
Activity
Post-Assessment

Student Supplies:
Straws
Scissors
Tape
Bowl of water
Pennies

Prepare Ahead of Time:
Copy materials.
Prepare a bowl of water to float the boats.



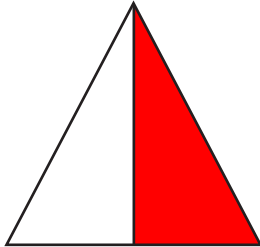
Instructions: Solve each problem.

<p>Shade $\frac{1}{2}$ of the figure.</p> 	<p>What time is it?</p> 
<p>Circle the shorter object?</p> 	<p>Write the number that has 8 tens and 2 ones.</p>
<p>There are 5 elephants in a zoo. Then 8 more come. How many elephants are there in all?</p>	<p>Make a trapezoid into three triangles.</p> 
<p>$64 - 20 =$</p>	<p>$8 + \underline{\quad} = 15$</p>
<p>True or False? $5 + 4 = 8 + 1$</p>	<p>$2 +$  $=$ _____</p>



Instructions: Solve each problem.

Shade $\frac{1}{2}$ of the figure.

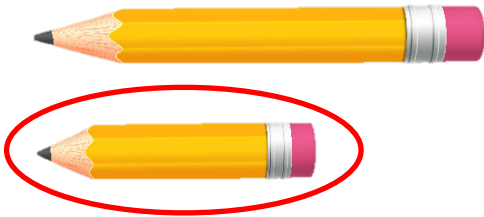


What time is it?



4:00

Circle the shorter object?



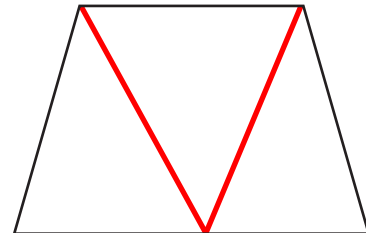
Write the number that has 8 tens and 2 ones.

82

There are 5 elephants in a zoo. Then 8 more come. How many elephants are there in all?

13

Make a trapezoid into three triangles.



$$64 - 20 =$$

44

$$8 + \underline{7} = 15$$

True or False?

$$5 + 4 = 8 + 1$$

True

$$2 + \begin{array}{cc} \text{ant} & \text{ant} \\ \text{ant} & \text{ant} \end{array} = \underline{6}$$



Activity

Name _____ Date _____

Place the numbers in order:

31 26 10 88 74 13 49 63 55

What numbers are between 80 and 100?

How old are you? Write your age in words: _____



Float a Boat

Gather straws and tape to make a boat that will float!

You can use 15 straws, tape, and a pair of scissors.

You can only cut the straws in half or in fourths.

The challenge – see which group’s boat can hold the most pennies before sinking.

How many straws did you cut in half?

How many straws did you cut in fourths?

How did you find where half was located on the straw?

How many pennies do you think your boat will hold?

How many pennies did your boat hold?

Which number is larger – the number of pennies you thought it would hold or the number of pennies it held?

Write two addition facts that equal the number of pennies your boat could hold.

Write two subtraction facts that equal the number of pennies your boat could hold.

































Post Assessment

Name _____ Date _____



Instructions: Solve each problem.

<p>Compare the numbers.</p> <p>34 ○ 53</p>	<p>$61 + 23 =$</p>													
<p>What is 10 more and 10 less than 75?</p>	<p>Ed bought 2 apples, 4 bananas, and 5 oranges. How many pieces of fruit did he buy altogether?</p>													
<p>In Mr. Smith's class, how many students ride the bus to school?</p> <table border="1" data-bbox="120 1129 779 1360"><tr><td>Walk</td><td></td><td></td><td></td></tr><tr><td>Bus</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Car</td><td></td><td></td></tr></table>	Walk				Bus						Car			<p>Write three addition facts that equal 10.</p>
Walk														
Bus														
Car														
<p>Which shape has 4 equal sides?</p>	<p>What number comes after 109?</p>													
<p>$7 + 6 + 3 = 7 + \underline{\quad}$</p>	<p>$13 - \underline{\quad} = 2$</p>													



Post Assessment
































Name _____

Answer Key

Date _____



Instructions: Solve each problem.

<p>Compare the numbers.</p> <p>34  53</p>	<p>$61 + 23 =$</p> <p>84</p>													
<p>What is 10 more and 10 less than 75?</p> <p>65 and 85</p>	<p>Ed bought 2 apples, 4 bananas, and 5 oranges. How many pieces of fruit did he buy altogether?</p> <p>11</p>													
<p>In Mr. Smith's class, how many students ride the bus to school?</p> <table border="1" data-bbox="120 953 781 1184"> <tr> <td>Walk</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bus</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Car</td> <td></td> <td></td> </tr> </table> <p>5 students ride the bus to school</p>	Walk				Bus						Car			<p>Write three addition facts that equal 10.</p> <p>1 + 9</p> <p>2 + 8</p> <p>3 + 7</p> <p>4 + 6</p> <p>5 + 5</p>
Walk														
Bus														
Car														
<p>Which shape has 4 equal sides?</p> <p>Square</p>	<p>What number comes after 109?</p> <p>110</p>													
<p>$7 + 6 + 3 = 7 + \underline{9}$</p>	<p>$13 - \underline{11} = 2$</p>													