

Complete a total of 36 tasks. You may choose activities from the calendar or problems from the packet. Mix it up anyway you like.
Record your responses on a separate piece of paper.

Name: _____

Summer Math Calendar for Students Entering the Third Grade

June 2019

Monday	Tuesday	Wednesday	Thursday	Friday	Sunday
<p>June 17</p> <p>How many times can you fold a piece of paper in half? Try with 4 different sizes of paper. Do you have the same number of folds with all sizes?</p>	<p>June 18</p> <p>Flip a coin 50 times. Tally each time you flip. How many heads and tails did you get? Was there a difference?</p>	<p>June 19</p> <p>Name 5 ways to make 30 cents. Draw a picture to show your thinking and write the number sentences.</p>	<p>June 20</p> <p>Make a paper plate clock and use it!</p>	<p>June 21</p> <p>Look at a clock. What time is it? How many minutes until the next hour?</p>	<p>June 23</p> <p>How many times can you hop on your left foot in one minute? Your right foot? What's the difference? Test other people in your family.</p>
<p>June 24</p> <p>Add the ages of all the people who live in your house. What is the sum? Write an equation (a math sentence).</p>	<p>June 25</p> <p>Go on a scavenger hunt. See how many 3D shapes you can find. Look for rectangular prisms, cylinders, cubes, and cones.</p>	<p>June 26</p> <p>The answer is 20. What could the question be?</p>	<p>June 27</p> <p>Put on a timer for 15 minutes. Then write down as many ways as you can to make 100. You may use addition, subtraction etc.</p>	<p>June 28</p> <p>Solve: $25 + 19 =$ Now make up a word problem for this equation.</p>	<p>June 30</p> <p>Take an ice cube out of the freezer. Put in a cup. Count by two's until it melts. Did you count more than 100?</p>

Name: _____

Summer Math Calendar for Students Entering the Third Grade

July 2019

Monday	Tuesday	Wednesday	Thursday	Friday	Sunday
July 1 Make an addition/subtraction game using large paper, crayons, and index cards.	July 2 Finish making your game and try playing it with a family member or friend!	July 3 Find a flower with an odd number of petals. Do all flowers have the same number of petals?	July 4 Line up 4 different figures (blocks or small toys). How many ways can you line them up? Keep a list or chart.	July 5 Play adding 10. Roll a die. Add 10 to the number rolled. Record your number sentence. Repeat 10 times.	July 7 Make a rectangular array for 2×6 using a paper, buttons, beans, etc. Glue to a sheet of paper.
July 8 Record the temperature outside in the early morning. Then in the late afternoon. How many degrees did it change?	July 9 Balance on one foot. Time yourself. Now have the rest of your family try it. Record everyone's times. Who can stand on one foot the longest?	July 10 When you go for a walk in your neighborhood. What numbers do you see? Look for even and odd numbers.	July 11 Ask a parent or the grown up in charge for a handful of coins worth less \$2.00. Calculate how much you have.	July 12 Geometry City. Cut out squares, triangles, and rectangles of different sizes. Measure the sides of each shape in inches. Make note of this. Glue the shapes down and decorate.	July 14 Make lemonade. List the ingredients you used to make it and the directions.

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Summer Math Calendar for Students Entering the Third Grade

July 2019

Monday	Tuesday	Wednesday	Thursday	Friday	Sunday
<p>July 15</p> <p>Make a rectangular array for 5×7 using a paper, buttons, beans, etc. Glue to a sheet of paper.</p>	<p>July 16</p> <p>Create a survey for Favorite Day of the Week. Ask at least 8 people. Create a graph to show your results.</p>	<p>July 17th</p> <p>Use a grocery store flyer or website to plan a breakfast. List all the items you need and record the price of each item. How much will breakfast cost?</p>	<p>July 18</p> <p>Estimate how long it will take you to do 50 jumping jacks. Did it take more or less than 2 minutes? Record your time and compare it with a friend's.</p>	<p>July 19</p> <p>Palindromes are numbers that are the same forward and backwards. (example: 121). How many can you think of?</p>	<p>July 21</p> <p>100 is the answer. What could the question be? Challenge yourself to think of more questions.</p>
<p>July 22</p> <p>Plant some seeds. Will they grow to be about 12 inches or 12 feet? How do you know?</p>	<p>July 23</p> <p>How many different ways can you cut a sandwich into fourths? Try it with real or paper sandwiches.</p>	<p>July 24</p> <p>What day of the week is it? What is the date? What was the day and the date 2 days ago? What will tomorrow's day and date be? What day and date will it be in 1 week? 2 weeks? 4 weeks?</p>	<p>July 25</p> <p>Look in your refrigerator. Categorize the items as dairy, fruit, vegetable, meat, grains, fats, and other. Make a tally chart.</p>	<p>July 26</p> <p>How many days until your birthday?</p>	<p>July 28</p> <p>How many days are left until school? How many hours?</p>

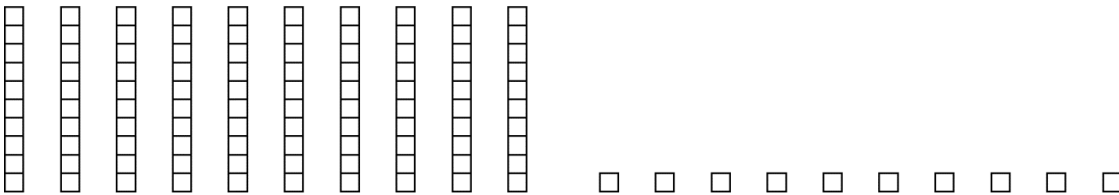
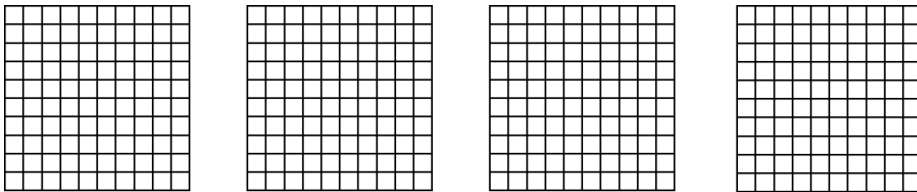
Math Packet

Solve

1. Carol is reading a book that has 19 pages. On Sunday she read 4 pages and on Monday she read 11 more pages. How many more pages does Carol have left to read?
2. Jeremy had 14 books. He placed some of the books on a shelf. He had 8 books left. How many books did Jeremy place on the shelf?
3. Rob made 15 pancakes for his family. Some friends came for breakfast, so Rob made 4 more pancakes. After Rob's family and friends ate, 5 pancakes were left. How many pancakes were eaten in all?

4. Write the number that is 6 hundreds, 2 tens, and 4 ones

5. Circle the base-ten blocks that would represent the number 304



6. Which number has more than 5 bundles of ten tens?

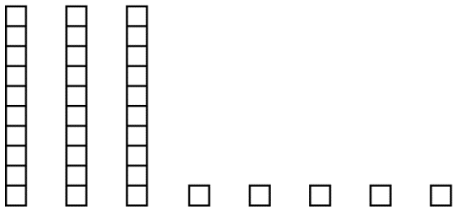
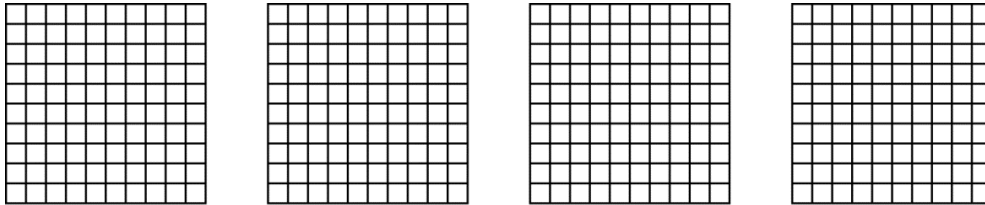
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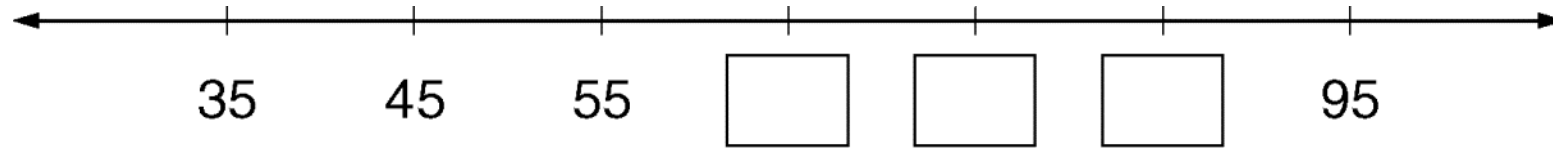
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236

7. What number is shown by the base-ten blocks below?



8. Write numbers in the boxes on the number line that are missing in the skip- count pattern.



9. Write one of the symbols $<$, $>$, or $=$ to correctly compare the two numbers.

523 _____ 529

864 _____ 846

181 _____ 121

10. Write an even number that is between 41 and 49. Write an equation to show how that number can be made by adding two even numbers.

11. Add the following numbers. Show your work using words or numbers.

31, 25, 10, and 44

12. Fill in the missing numbers when skip counting by 100.

345, 445, _____, _____, _____, 845

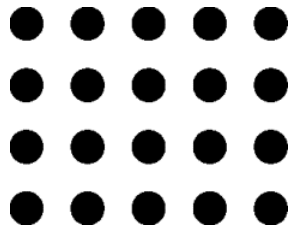
13. Write numbers in the blanks below to show skip counting by 10s.

_____, _____, 620, _____, _____

14. Subtract $43 - 28$. Show how you solved the problem.

15. Subtract $49 - 32$. Show how you solved the problem.

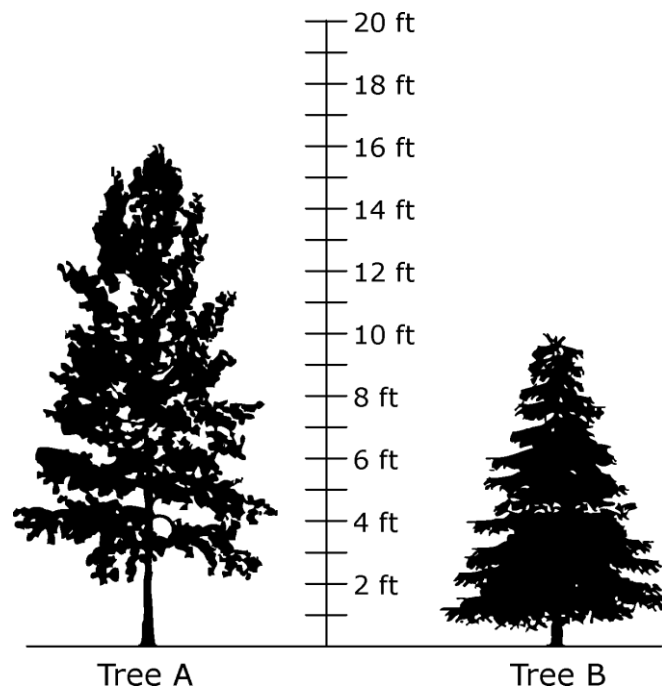
16. Write the number sentence that represents the array below.



Number Sentence: _____

17. Show how to find $72 + 38$.

18. In feet, how much taller is tree A than tree B?



19. Look at the array of stars.



Maria wants to write the same number in each box so that the sum equals the number of stars in the array. What number should Maria write in each box?

$$\square + \square + \square + \square + \square$$

Grace wants to write the same number in each circle so that the sum equals the number of stars in the array. What number should Grace write in each circle?

$$\bigcirc + \bigcirc + \bigcirc$$

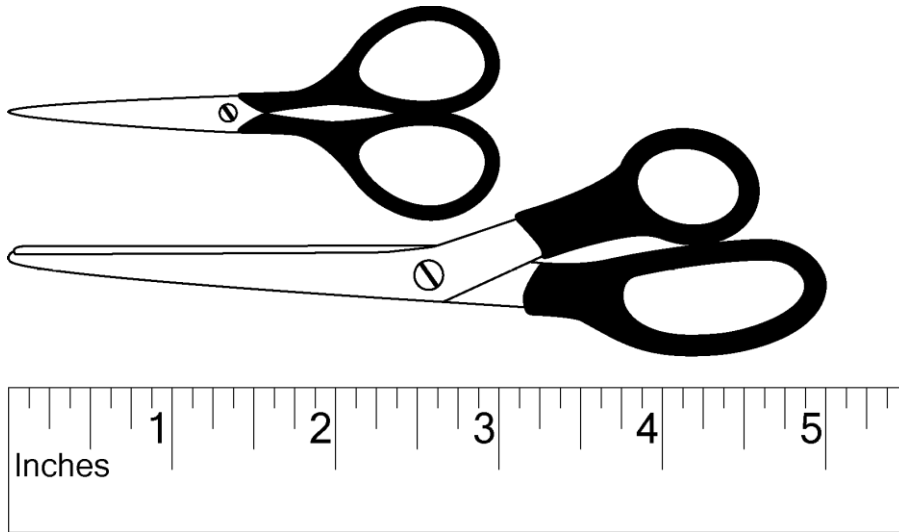
20. Sarah gave her friend the coins shown below.



How much money did Sarah give her friend?

21. Ryan pays for a bottle of juice with 1 one-dollar bill, 1 quarter, 2 dimes and 3 pennies. How much did Ryan pay for the juice?

22. Use the provided ruler to answer the questions below.



What is the length, in inches, of the top pair of scissors?

What is the length, in inches, of the bottom pair of scissors?

How many inches longer is the bottom pair of scissors than the top pair of scissors?

23. The second-grade classes were collecting cans of food for the food drive. They collected 376 cans the first week and 417 cans the second week. What was the total number of cans they collected?

24. A football team sells 589 tickets to the game. Another 256 people buy tickets at the door. How many tickets were sold in all?

25. Solve the following addition and subtraction problems.

$$\begin{array}{r} 157 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} 205 \\ + 72 \\ \hline \end{array}$$

$$\begin{array}{r} 359 \\ + 34 \\ \hline \end{array}$$

$$\begin{array}{r} 350 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 560 \\ - 44 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} 759 \\ - 57 \\ \hline \end{array}$$

$$\begin{array}{r} 537 \\ - 16 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ - 27 \\ \hline \end{array}$$

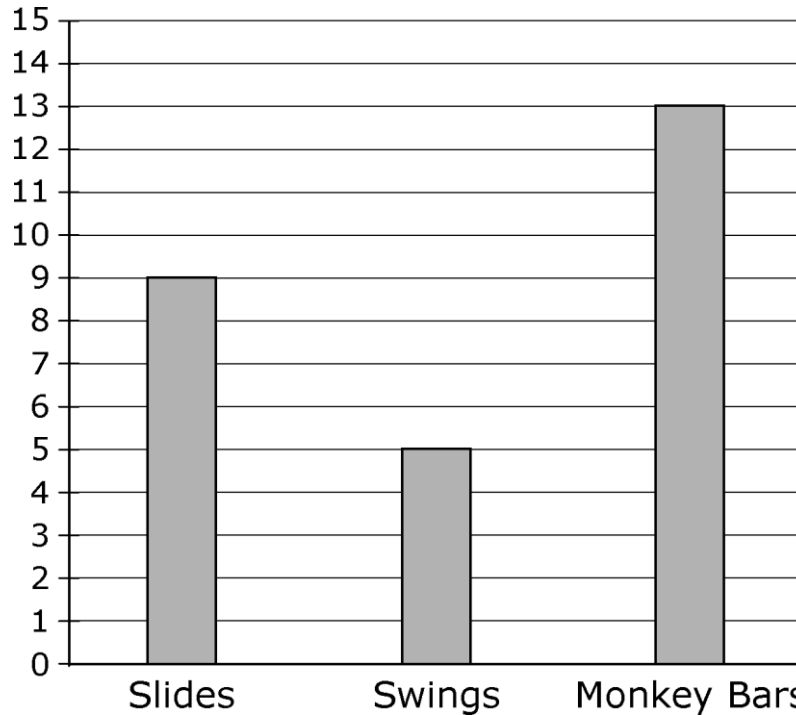
$$\begin{array}{r} 35 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 44 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ - 23 \\ \hline \end{array}$$

26. Aiden made the bar graph below to show the favorite playground equipment of all of the students in his class.

Favorite Playground Equipment



Place a check mark in the oval to choose correct or incorrect for each statement in the table.

	Correct	Incorrect
Slides are the most favorite playground equipment.	<input type="radio"/>	<input type="radio"/>
Aiden's class has a total of 26 students in it.	<input type="radio"/>	<input type="radio"/>
More students said slides and swings combined than said monkey bars.	<input type="radio"/>	<input type="radio"/>