# Get Ready for 6th Grade Review Calendar

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# Math Review Calendar

Dear Soon to Be 6th Graders and Parents of Soon to Be 6th Graders,

This math review calendar has not been created to torture you. It was created with the opposite intent. This was created to make you math aficionados, especially as you prepare to begin math in the sixth grade! To help you do this, I have put together this calendar with math concepts that you have already learned so that your skills are sharp and ready to begin 6th grade math.

Each week you will be assigned five sets of problems to complete. You may choose when to do it. You may work on the calendar in whichever way best suits your style. You may do the problems for the week in one day or you may spend five minutes a day completing each problem. All I ask is that you do not leave the calendar until the week or even the day before school begins. This calendar is meant for you to maintain your skills. You may use siblings, parents, and most importantly your brain to complete the calendar. You must show all of your work and the work should be done in pencil.

Lastly, please complete the evaluation forms. There is one for you and one for your parents. Good luck! Have a fabulous summer and I cannot wait to see you when school begins!

Sincerely,

Mrs. Moran

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# Math Review Calendar Evaluation for Students

Please rate the following on a scale from 1-10, with 1 being the easiest and 10 being the hardest.

1.) _____ How would you rate the difficulty of the problems in general throughout the math review calendar?

2.) _____ How would you rate the variety and the amount of problems throughout the calendar?

3.) What types of problems in the calendar were the most difficult and why?

4.) What types of problems in the calendar were the easiest and why?

5.) When did you complete the calendar? How did you pace yourself when completing the calendar? (Did you do it every day, once a week, completed it in a few days?)

*Thank you for taking the time to complete this evaluation!*

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# Math Review Calendar Evaluation for Parents



1.) How difficult did you feel this math review calendar was for your student? Was it too easy or too difficult or somewhere in the middle?

2.) How much help did you give your son or daughter in completing this calendar?

3.) What would you say was the best thing about the math review calendar?

4.) What would you say was the most difficult thing about the math review calendar?

5.) If you could change one thing about the math review calendar in general, what would you change?

*Thank you for taking the time to complete this evaluation!*

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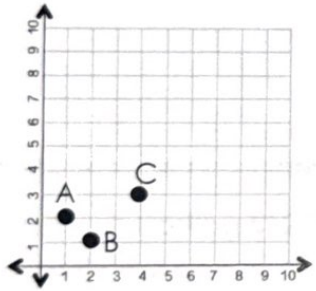
# Week One

| Problem | Work & Answer |
| --- | --- |
| List the factors of each number.<br>a.) 24<br>b.) 64 | |
| Fill in the missing number.<br>a.) 0.24 - .128 = ?<br>b.) 94.19 + 2.6 + ? =161.29 | |
| Compare using <, >, or =<br>a.) 0.245 ◯ 0.0245<br>b.) 24.500 ◯ 24.5<br>c.) 20.405 ◯ 20.45 | |
| Write the following in expanded form:<br>a.) 0.234<br>b.) 14.78 | |
| Divide:<br>a.) 2,936 ÷ 4<br>b.) 14,783 ÷ 12 | |

Pick three problems to complete

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# Week Two

| Problem | Work & Answer |
| --- | --- |
| List the next ***four*** terms in the sequences with the given rule:<br>a.) Start at 0, add three<br>b.) Start at 0, add six<br>c.) What is the relationship between the two sequences? | |
| Multiply:<br>a.) 23.5 x 6<br>b.) 2.35 x 0.6<br>c.) 235.0 x 0.06 | |
| Name each ordered pair.   | |
| Find each sum: a.) $\frac{1}{2}+\frac{1}{4}$ b.) $\frac{1}{4}+\frac{1}{3}+3\frac{7}{12}$ | |
| Round each number to the nearest tenth:<br>a.) 985.76 b.) 43.52 c.)0.859 | |

Pick three problems to complete

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# Week Three

| Problem | Work & Answer |
| --- | --- |
| Use the order of operations to simplify each expression:<br>a.) $(6 \times 3) + 72 \div 8 - 5 + 1$<br><br>b.) $3 \times \{[(65-49) + (42 \div 7)] \div 2\}$ | |
| Order the following from least to greatest:<br>0.25, 2.205, 0.502, 0.225, 2.025 | |
| Find the **product** of each of the following:<br>a.) $2.85 \bullet 29$<br>b.) $\$1.55 \bullet 13$<br>c.) $1.2 \bullet 2.1$ | |
| If you bought 3 CD's each costing \$12.99, and paid with a \$50 bill. What would your change be? | |
| Order the fractions from least to greatest<br>$\frac{1}{2}, \frac{2}{3}, \frac{1}{4}, \frac{2}{5}$ | |

Pick three problems to complete

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# Week Four

| Problem | Work & Answer |
| --- | --- |
| Round each the nearest hundredth:<br>a.) 2.359<br>b.) 0.145 | |
| a.) How many feet are in 3 miles?<br>b.) How many inches are in 1 yard? | |
| Create a line plot that shows the following data of the amount of rain in inches over the course of a week:<br>$\frac{1}{2}, \frac{3}{4}, \frac{1}{8}, \frac{1}{4}, \frac{2}{4}, \frac{4}{8}, \frac{2}{8}$ | |
| Find the perimeter and area of the following figure.<br>4ft<br>14ft | |
| Use the number ***555.55*** to complete the following:<br>a.) The digit in the ones place is _____ times as much as the digit in the tenths place.<br>b.) The digit in the hundredths place is _____ times as much as the digit in the tenths place. | |

Pick three problems to complete

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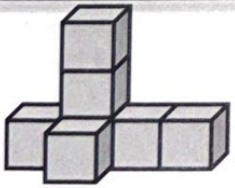
# Week Five

| Problem | Work & Answer |
| --- | --- |
| Use a model to show<br>$\frac{3}{4} \cdot \frac{1}{2}$ | |
| a.) $\frac{5}{12} - \frac{1}{12}$<br>b.) $6 - \frac{3}{5}$ | |
| Draw a triangle that is neither equilateral or isosceles. | |
| Estimate first and then solve.<br>a.) 94.71 – 62.3 b.) 24.56 + 11.94 | |
| If you tripled the number of sides of a pentagon, how many sides would the new figure have? | |

Pick three problems to complete

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# Week Six

| Problem | Work & Answer |
| --- | --- |
| a.) $\frac{4}{7} \cdot \frac{3}{8}$<br><br>b.) $2\frac{1}{5} \cdot \frac{10}{12}$ | |
| Write the following expressions:<br>a.) Multiply twelve and four, then add forty-seven.<br>b.) Add thirty-five to the product of eight and six. | |
| An apple pie was cut into one eighth pieces. If Michael's family ate one fourth of the total pie, how slices were left? (Hint: Draw a picture) | |
| Solve the following:<br>a.) $6.543 \times 10^2$<br>b.) $6.543 \times 10^3$<br>c.) Describe the pattern you see. | |
| Measure the volume by counting the unit cubes.  | |

Pick three problems to complete

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# Week Seven

| Problem | Work & Answer |
| --- | --- |
| A board 8ft. 4in. long is cut into four pieces of equal length. How long is each piece? | |
| Write the following in standard number form:<br>a.) Three and thirty-eight hundredths<br>b.) Sixty-five and seven hundredths | |
| Find the unknown<br>a.) $1\frac{2}{7} - ? = \frac{6}{7}$<br>b.) $\frac{1}{2} + ? = \frac{11}{12}$ | |
| Sam and Sally were knitting scarves for a winter clothing drive. Sam had completed $6\ \frac{3}{5}$ scarves while Sally had finished $8\frac{1}{4}$ scarves. How many more scarves did Sally complete? | |
| Write the following in word form:<br>a.) 17.80<br>b.) 2.16 | |

Pick three problems to complete

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# Week Eight

| Problem | Work & Answer |
| --- | --- |
| Find the space inside the refrigerator that is six feet tall, three feet wide and four feet deep. | |
| Place grouping symbols to make the equations below true.<br>a.) $9 \times 34 + 8 \div 6 = 63$<br>b.) $13 + 12 - 7 \div 3 \times 5 = 30$ | |
| Compare using <, >, or =<br>3,164 x 6 ◯ 2,839 x 7 | |
| a.) $5\frac{5}{6} - 3\frac{1}{4}$<br>b.) $6\frac{2}{3} + 2\frac{1}{5}$ | |
| Compare using <, > or =:<br>a.) 0.240 ◯ 0.42<br>b.) 5.6 ◯ 5.39 | |

Pick three problems to complete

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# Week Nine

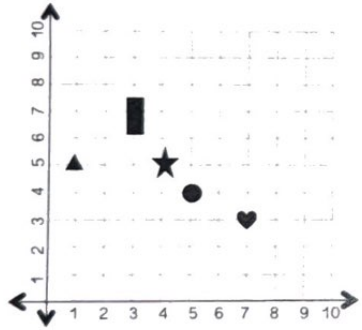
| Problem | Work & Answer |
|---|---|
| a.) 54 x 22<br>b.) 67 x 33 | |
| A cookie recipe calls for $2\frac{1}{3}$ cups of flour. If you want to double the recipe, how much flour will you need? | |
| The chart shows the drop in temperature as the evening approaches. If the pattern continues, what temperature will it be at 8:00pm? | |
| Add. Write your answer in simplest form. $\frac{2}{3} + \frac{1}{4} + \frac{5}{6}$ | |
| Round each number to the nearest thousandth place.<br>a.) 572.6824<br>b.) 375.9375 | |

| Time | 3:00pm | 4:00pm | 5:00pm |
|---|---|---|---|
| Temperature | 38°F | 34°F | 30°F |

Pick three problems to complete

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# Week Ten

| Problem | Work & Answer |
|---|---|
| Write each number below in standard form.<br>a.) $(3 \times 1) + (2 \times \frac{1}{10}) + (8 \times \frac{1}{100})$<br>b.) $(4 \times \frac{1}{10}) + (7 \times \frac{1}{100}) + (9 \times \frac{1}{1000})$ | |
| a.) How many yards are in 6 miles.<br>b.) How many inches are in 4 yards. | |
| Name each shape located at the given points.<br>a.) (1,5)<br>b.) (3,7)<br>c.) (5,4)<br> | |
| Order the following numbers from least to greatest.<br>1.781, 0.788, 1.807, 0.87, 0.807 | |
| Circle the expression that is equivalent to the following, then solve the correct expression.<br>$\frac{1}{4}$ of $\frac{2}{5}$ | a.) $\frac{2}{5} \div 4$ b.) $\frac{1}{4} \times \frac{2}{5}$ c.) $\frac{1}{4} + \frac{2}{5}$ |

Pick three problems to complete

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