Name: Weekly Math Homework - 3 Teacher:

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| **Monday** | **Tuesday** | **Wednesday** | **Thursday** |
| Use Order of Operations to simplify.  8 + 7(42 –3) | Use Order of Operations to simplify.  23 – (30 ÷ 5) + 9 | Use Order of Operations to simplify.  (5+22) x (35–27) + 62 | Use Order of Operations to simplify.  72 + 3[81 – (4x6)] |
| Plot the following points and find the area of the figure.  (4,3); (--2,3); (-2,-1); (4,-1) | Plot the following points to create a rectangle. Find the missing vertex.  (3,6); (-1,6); (-1,-6); ? | Plot the following points and find the area of the figure.  (3,5); (-1,5); (-1,-3); (3,-3) | Plot the following points to create a rectangle. Find the missing vertex.  (6,1); (-4,1); (-4,-3); ? |
| Fill in the Blank  96 inches = \_\_\_\_\_\_ feet | Fill in the Blank  2.5 gallons = \_\_\_\_\_\_\_ cups | Fill in the Blank  3 miles = \_\_\_\_\_\_\_ feet | Fill in the Blank  7.5 quarts = \_\_\_\_\_\_\_ pints |
| List the factors of 20. | If you have 24 square pieces of wood, describe all the different ways you could make a rectangle by placing them side by side. | How long will it take you to drive 175 miles at a speed of 25 miles per hour? | How long will it take you to ski a distance of 36 miles at a speed of 3 miles per 30 minutes. |
| The following shows the data for the number of math problems on homework for 10 consecutive days:  10, 7, 8, 9, 6, 14, 12, 15,8,7  What is the **range** of math problems given? | The following shows the data for the number of math problems on homework for 10 consecutive days:  10, 7, 8, 9, 6, 14, 12, 15,8,7  What is the **mode** of the data? | The following shows the data for the number of math problems on homework for 10 consecutive days:  10, 7, 8, 9, 6, 14, 12, 15,8,7  What is the **average** number of math problems given? | The following shows the data for the number of math problems on homework for 10 consecutive days:  10, 7, 8, 9, 6, 14, 12, 15,8,7  What is the **median** number of math problems given? |
| Here's the data from a survey asking how many times per year people visited 2 different amusement parks.  **Disneyland:** 3, 2, 5, 8, 10, 4, 2, 3, 6, 1, 1, 4, 2, 8, 5  **Knott's Berry Farm:** 3, 4, 2, 1, 3, 1, 2, 7, 12, 5, 1, 2, 6, 3, 7  What is the difference in the **median** of the two parks? | Here's the data from a survey asking how many times per year people visited 2 different amusement parks.  **Disneyland:** 3, 2, 5, 8, 10, 4, 2, 3, 6, 1, 1, 4, 2, 8, 5  **Knott's Berry Farm:** 3, 4, 2, 1, 3, 1, 2, 7, 12, 5, 1, 2, 6, 3, 7  On **average**, which amusement park has the most visits? | Here's the data from a survey asking how many times per year people visited 2 different amusement parks.  **Disneyland:** 3, 2, 5, 8, 10, 4, 2, 3, 6, 1, 1, 4, 2, 8, 5  **Knott's Berry Farm:** 3, 4, 2, 1, 3, 1, 2, 7, 12, 5, 1, 2, 6, 3, 7  What is the **mode** for each park? | Here's the data from a survey asking how many times per year people visited 2 different amusement parks.  **Disneyland:** 3, 2, 5, 8, 10, 4, 2, 3, 6, 1, 1, 4, 2, 8, 5  **Knott's Berry Farm:** 3, 4, 2, 1, 3, 1, 2, 7, 12, 5, 1, 2, 6, 3, 7  What is the difference in the **range** of visits for each park? |
| The table shows a comparison of 2 seventh grade students' math test scores for 6 tests.   |  |  | | --- | --- | | Jenny | Chris | | 89 | 76 | | 75 | 82 | | 95 | 66 | | 75 | 86 | | 62 | 93 | | 84 | 81 |   Which student had the higher **average (mean)** score? What was it? | The table shows a comparison of 2 seventh grade students' math test scores for 6 tests.   |  |  | | --- | --- | | Jenny | Chris | | 89 | 76 | | 75 | 82 | | 95 | 66 | | 75 | 86 | | 62 | 93 | | 84 | 81 |   Which student had the higher **median** score? What was it? | The table shows a comparison of 2 seventh grade students' math test scores for 6 tests.   |  |  | | --- | --- | | Jenny | Chris | | 89 | 76 | | 75 | 82 | | 95 | 66 | | 75 | 86 | | 62 | 93 | | 84 | 81 |   Which student had the higher **range**? What was it? | The table shows a comparison of 2 seventh grade students' math test scores for 6 tests.   |  |  | | --- | --- | | Jenny | Chris | | 89 | 76 | | 75 | 82 | | 95 | 66 | | 75 | 86 | | 62 | 93 | | 84 | 81 |   Is there a **mode** in either students' scores? If so, whose scores, and what was it? |