Name: Weekly Math Homework - 6 Teacher:

|  |  |  |  |
| --- | --- | --- | --- |
| **Monday (wk 6)** | **Tuesday (wk 6)** | **Wednesday (wk 6)** | **Thursday (wk 6)** |
| Subtract. You may NOT use a calculator!**2.28 - 0.468 =** | Subtract. You may NOT use a calculator!**84.6 + 9.497 =** | Subtract. You may NOT use a calculator!**28.7 - 1.3 =** | Subtract. You may NOT use a calculator!**1.6 - 0.271 =** |
| Round your answer to the nearest tenth. You may NOT use a calculator!**63.7 ÷ .58 =** | Round your answer to the nearest tenth. You may NOT use a calculator!**93.8 ÷ 9.7 =** | Round your answer to the nearest tenth. You may NOT use a calculator!**81.44 ÷ .71 =** | Round your answer to the nearest tenth. You may NOT use a calculator!**135 ÷ 3.1 =** |
| Round to the nearest **tenth**. Re-write the sentence to show work.**90.65**The \_\_\_\_\_\_\_ (number) in the \_\_\_\_\_\_\_\_ place (place value) tells me to (either increase by one or stay the same), so my rounded answer is \_\_\_\_\_\_\_\_ | Round to the nearest **thousandth.** Re-write the sentence to show work.**28.3038**The \_\_\_\_\_\_\_ (number) in the \_\_\_\_\_\_\_\_ place (place value) tells me to (either increase by one or stay the same), so my rounded answer is \_\_\_\_\_\_\_\_ | Round to the nearest **tenth**. Re-write the sentence to show work.**631.520**The \_\_\_\_\_\_\_ (number) in the \_\_\_\_\_\_\_\_ place (place value) tells me to (either increase by one or stay the same), so my rounded answer is \_\_\_\_\_\_\_\_ | Round to the nearest **whole** number. Re-write the sentence to show work.**35.41**The \_\_\_\_\_\_\_ (number) in the \_\_\_\_\_\_\_\_ place (place value) tells me to (either increase by one or stay the same), so my rounded answer is \_\_\_\_\_\_\_\_ |
| **Which letter best shows 5/8? Explain your reasoning.** | **Which letter best shows 2/8? Explain your reasoning.** | **Which letter best shows 1/3? Explain your reasoning.** | **Which letter best shows 6/8? Explain your reasoning.** |
| What is the probability of rolling a 4 or higher if the above die is rolled? | What is the probability of spinning a 3 on the above spinner? | What is the probability of choosing a black marble? | What is the probability of spinning a 9 on the above spinner? |
| Find the 1st, 2nd (median) and 3rd quartile of the set of numbers.37, 80, 43, 29, 64, 21, 97 | Find the 1st, 2nd (median) and 3rdquartile of the set of numbers.69, 42, 38, 84, 49, 48, 36, 51 | Find the 1st, 2nd (median) and 3rdquartile of the set of numbers.43, 67, 29, 78, 23, 36, 50 | Find the 1st, 2nd (median) and 3rdquartile of the set of numbers.48, 39, 51, 98, 89, 20, 41, 82 |
| **Heather recorded her test scores for Math and Language Arts on the table below.**

|  |  |
| --- | --- |
| Math | LanguageArts |
| 75 | 70 |
| 84 | 94 |
| 92 | 74 |
| 77 | 82 |
| 89 | 72 |
| 68 | 83 |
| 98 | 93 |
| 75 | 69 |

 In what subject does Heather have a higher **average** test score?  | **Heather recorded her test scores for Math and Language Arts on the table below.**

|  |  |
| --- | --- |
| Math | LanguageArts |
| 75 | 70 |
| 84 | 94 |
| 92 | 74 |
| 77 | 82 |
| 89 | 72 |
| 68 | 83 |
| 98 | 93 |
| 75 | 69 |

Create **a box-and-whisker plot** for each data set. Stack plots on the same number line. | **Heather recorded her test scores for Math and Language Arts on the table below.**

|  |  |
| --- | --- |
| Math | LanguageArts |
| 75 | 70 |
| 84 | 94 |
| 92 | 74 |
| 77 | 82 |
| 89 | 72 |
| 68 | 83 |
| 98 | 93 |
| 75 | 69 |

Use the box and whisker plot you created. Which subject has the greater **range** in scores? What is the difference? | **Heather recorded her test scores for Math and Language Arts on the table below.**

|  |  |
| --- | --- |
| Math | LanguageArts |
| 75 | 70 |
| 84 | 94 |
| 92 | 74 |
| 77 | 82 |
| 89 | 72 |
| 68 | 83 |
| 98 | 93 |
| 75 | 69 |

Use the box and whisker plot you created. What is the difference in the **medians** of the 2 subjects? |