

Name:

6th Grade Math Homework

November 28 - Dec. 2

Please use your math notebook and/or our math website for help/videos to help with concepts on this homework.
 6th grade math website: sms6math.weebly.com **SHOW ALL WORK IN THE WORK COLUMN.**

| Monday | Monday's Work | Tuesday | Tuesday's Work |
|--|---------------|--|----------------|
| Find the quotient. $\frac{5}{18} \div \frac{2}{6} =$ | | What percent is 24 of 96? | |
| Evaluate the expression. $3^3 + 6(2 + 3)$ | | Robert is building a deck in his backyard. Each piece of wood measures 42.5 inches. If he has 86 boards, how long are they altogether? | |
| Find the difference. $65.39 - 11.8$ | | Write an expression that represents the "sum of a number and 12." | |
| List 72 as a product of its prime factors. | | 8 pencils cost \$3.44. What is the unit rate of one pencil? | |
| Find the missing number of each unit rate. $\frac{7}{21} = \frac{1}{?} \quad \frac{12}{72} = \frac{2}{?}$ | | In Ms. Franko's class for every 6 boys there are 8 girls. Write the ratio of boys to girls in simplest form. | |
| Express 1.36 as a percent. | | Carlos drank 2,740 milliliters after football practice. How many Liters did he drink? | |
| Write the product of $6 \times 6 \times 6 \times 6 \times 6$ in exponential form. | | Write $\frac{5}{8}$ as a decimal. | |
| Write $\frac{7}{10}$ as a percent. | | What is the LCM of 4 and 16? | |

| Wednesday | Wednesday's Work | Thursday | Thursday's Work | | | | | | | | | | |
|---|---|--|-----------------|----------|---|---|----|---|----|---|---|---|--|
| Write an expression for "7 less than a number" | | List all of the exponents that fall in between 4^3 and 4^7 . | | | | | | | | | | | |
| Write an expression for "the quotient of a number and 24." | | An adult African elephant weighs 8.25 tons. How much do 27 elephants weigh? | | | | | | | | | | | |
| Write an expression for "\$6 per hour" | | Find the sum. $18,997.9 + 421.19$ | | | | | | | | | | | |
| How many terms are in the following expression? $8x^2 + 2y + 6x + 7$ | | Every 3 days, Marco fills up his car with gas. Every 8 days, he washes his car. On what day will Marco fill his car with gas and wash it? | | | | | | | | | | | |
| Fill in the blanks. $6x^3 + 2x + 7$ | Terms: _____ Variable(s): _____ Coefficient: _____ Constant: _____ | What is the GCF of 72 and 36? | | | | | | | | | | | |
| Name the coefficient(s) in the expression below. $2x + 5y + 17$ | | What is 50% of 35? | | | | | | | | | | | |
| Evaluate $x + 8$ when $x = 17$. | | Complete the table. <table border="1" data-bbox="821 1564 1138 1724"> <thead> <tr> <th>Adults</th> <th>Children</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>1</td> </tr> <tr> <td>16</td> <td>2</td> </tr> <tr> <td>24</td> <td>?</td> </tr> <tr> <td>?</td> <td>4</td> </tr> </tbody> </table> | Adults | Children | 8 | 1 | 16 | 2 | 24 | ? | ? | 4 | |
| Adults | Children | | | | | | | | | | | | |
| 8 | 1 | | | | | | | | | | | | |
| 16 | 2 | | | | | | | | | | | | |
| 24 | ? | | | | | | | | | | | | |
| ? | 4 | | | | | | | | | | | | |
| Evaluate $2y + 10$ when $z = 4$. | | What is the reciprocal of $\frac{3}{4}$? | | | | | | | | | | | |