**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Week 19-Honors-Homewor**

**Directions:** Solve the following problems. You *MUST* show your work. ***NO WORK = NO CREDIT.***

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| http://mdk12.org/assessments/high_school/look_like/images/responsegrid/responsegrid.gif1. Christian bought 4 cases of canned corn. Each case has 24 cans. Each can of corn costs $0.82 including tax. How much did Christian spend on corn?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 2. A flower shop is having a sale on baskets of flowers. The table shows the prices of the baskets.   |  |  | | --- | --- | | Number of Baskets (n) | Total Cost (c) | | 2 | $16. 50 | | 3 | $24.75 | | 4 | $33.00 |   Write an equation that would calculate the cost of n baskets?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. Franco flipped a coin 25 times and recorded 12 heads. What is the ratio of heads to tails Franco recorded?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 4. Write an expression that represents 8 times the sum of a number n and 12.  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Homework**

**Directions:** Solve the following problems. You *MUST* show your work. ***NO WORK = NO CREDIT.***

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| 1. A class needs at least 85 strawberries for a picnic. They have already made 20 strawberries. Write, solve, and graph an inequality that represents the number of strawberries “*s”* the class still needs for the picnic?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |  | | --- | |  |   http://mdk12.org/assessments/high_school/look_like/images/responsegrid/responsegrid.gif2. A 2­lb bag of jelly beans contains about 550 jelly beans. About how many jelly beans would a 4­lb bag contain?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. The swimming team won 14 matches and lost 6. What is the ratio of wins to the total number of matches played?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 4. 4. What is the greatest common factor of 20 and 45?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Homework-Honors**

**Directions:** Solve the following problems. You *MUST* show your work. ***NO WORK = NO CREDIT.***

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| 1. Anastasia has ¾ pound of banana chips. She needs to divide the banana chips into 1/4 pound bags. Write and solve an equation that can be used to find the number of bags of banana chips Anastasia will have.  Answer: \_\_\_\_\_\_\_\_\_\_\_\_ | 2. Marco earns a yearly salary of $42,000. His salary is divided equally into the same amount each month. How much money will Marco earn in January?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| |  | | --- | |  |   3. A substance with 9 positive atoms is combined with a substance that has 6 negative atoms. What is the charge of the remaining atoms?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 4. Solve the following:   1. 23.4 x 98=   Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   1. 123.4 – 5.8 =   Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Homework**

**Directions:** Solve the following problems. You *MUST* show your work. ***NO WORK = NO CREDIT.***

|  |  |
| --- | --- |
| 1. Stefan has 25 posters. Fourteen of those posters show famous actors. What is a ratio of the number of posters that show famous actors to the total number of posters?    Answer: \_\_\_\_\_\_\_ | 2. Elliot bought two dozen donuts for a total of $15.99. At that rate, what was the price of one donut?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. A chef uses 4 tablespoons of olive oil for every 6 tablespoons of butter. How much olive oil is needed for 12 tablespoons of butter?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 4. Ethan worked 4 hours each day for 5 days. He earned a total of $325. How much did Ethan earn per hour?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |