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

**Week 19-Standard Plus**

**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. The store sells cashews for $5.99 per pound. Corey bought 2.4 pounds of cashews. Before tax, how much will the cashews cost?  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 | $14.00 | | 3 | $21.00 | | 4 | $28.00 |   Write an equation that would calculate the cost of n baskets?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. Mr. Grey has 15 blue, 6 grey, 12 black, and 5 red socks. What is the ratio of black socks to grey socks of Mr. Grey’s socks?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 4. Write an expression that represents twice a number n less 25.  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 95 strawberries for a picnic. Write and graph an inequality that represents the number of strawberries “ *s”*, the class needs for the picnic?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |  | | --- | |  |   http://mdk12.org/assessments/high_school/look_like/images/responsegrid/responsegrid.gif2. 2. What is the greatest common factor of 20 and 45?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. What is the ratio of consonants to vowels in the list of letters below?  a, b, c, d, e, f, g, h, i, j, k, l, m, n, o,  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 4. A 2­lb bag of jelly beans contains about 550 jelly beans. About how many jelly beans would a 4­lb bag contain?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Homework- Standard Plus**

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

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| 1. Stuffed animals each weighing ¼ pound are on a scale. The scale shows 2 ½ pounds. How many stuffed animals are on the scale?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_ | 2. Christian earns a yearly salary of $42,000. His salary is divided equally into the same amount each month. How much money will Christian earn in January?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| |  | | --- | |  |   3. The low temperature on Wednesday was 15°C. The low temperature on Thursday was 5°C. How much colder was it on Thursday than Wednesday?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 4. Solve the following equations:   1. 11n + 4 = 26   Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   1. n/6 – 25 = 35   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: \_\_\_\_\_\_\_ | A 2. Michael is 3 times older than Mathew. If x represents Matthew’s age, write an expression to represents the combined age of Michael and Matthew.  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 3. Elliot bought two dozen donuts for a total of $15.99. At that rate, what was the price of one donut?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 4. Anastasia worked 4 hours each day for 5 days. She earned a total of $325. How much did Anastasia earn per hour?  Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |