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

**Homework – Monday (April 25, 2016)**

Solve the following problems **without a calculator**. You *MUST* show your work. ***NO WORK = NO CREDIT.***

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| 1. Destiny made a snack mix using the ingredients listed below.   |  |  | | --- | --- | | 1 ¼ cups granola  ½ cup raisins | ½ cup raisins  ¼ cup chocolate chips |   What is the total amount of all four ingredients? | 2. Brooks saved $25.40. Raven saved ¾ of the amount that Brooks saved. Nylah saved twice as much as Raven. How much is the total saved of all three? |
| 3. During one week, Stephanie made several changes to her bank account. She made four withdrawals of $40 each from an ATM. She also used her check card for a $156 purchase. Then she deposited her paycheck of $375. By how much did the amount in her bank account change during that week? | 4. A kindergarten class is making clay animals for a play. The teacher has 2 ¾ gallons of clay. Each child needs 1/16 of a gallon to make an animal. How many children can make a clay animal? |

**Homework- Tuesday (April 26, 2016)**

Solve the following problems **without a calculator**. You *MUST* show your work. ***NO WORK = NO CREDIT.***

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| 1. The sum of a number, n, and 8 is multiplied by -4, and the result is -12. What is the number? | 2. Camille spent $25 at the store. She paid $10 for a shirt and spent the rest of her money on 3 necklaces. Each necklace cost the same amount of money. Write an expression to find *n*, the price of each necklace. |
| 3. Julie works Sunday, Monday, and Wednesday for 10 hours each day. On Tuesday, Thursday, and Friday, she works 7 hours each day. She does not work on Saturday. Her weekly total earnings are $612. What is her hourly rate of pay? | 4. Solve and graph the solution set for the following inequality.  3x + 4 < -18 |

**Homework - Wednesday (April 27, 2016)**

Solve the following problems **without a calculator**. You *MUST* show your work. ***NO WORK = NO CREDIT.***

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| 1. A runner jogged 5 ¼ miles in 45 minutes. At this rate how far will she run in 2 hours? | 2. A satellite is 18 meters wide. A model of it was built with a scale of 1 centimeter : 3 meters. How wide is the model? |
| 3. Outside of the school, there is a flag pole that is 36 feet in height. It casts a shadow that is 36 feet long. Standing in front of the pole is a boy who is 6 feet tall. What will be the length of his shadow? | 4. During cooking, chicken loses 10% of its weight due to water loss. In order to obtain 1,170 grams of cooked chicken, how many grams of uncooked chicken must be used? |

**Homework - Thursday (April 28, 2016)**

Solve the following problems **without a calculator**. You *MUST* show your work. ***NO WORK = NO CREDIT.***

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| 1. What is the approximate volume of the cylinder? | 2. A bicycle training wheel has a radius of 3 inches. The bicycle wheel has a radius of 10 inches. Approximately how much smaller, in square inches, is the area of the training wheel than the area of the regular wheel? |
| 3. △XYZ has side lengths of 15 m, 20 m, and 25 m. What are the side lengths of a triangle similar to △XYZ whose shortest side is 3 m? | 4. The scale drawing of a rectangular room has a length of 18 inches and a width of 12 inches. If the scale for the drawing is 1 inch = 2 ½ feet, what is the perimeter of the actual room? |