

Monday	Tuesday	Wednesday	Thursday	Friday
1. For the past three weeks, Mark has been recording the daily high temperatures for a science project. During that time, the high temperature was above 75 degrees for 12 out of 16 days. What is the probability that the high temperature will be above 75 degrees on the next day?	1. When the Erie canal opened in 1825, it was 42 feet wide at the top, 28 feet wide at the bottom and 4 feet deep. Find the trapezoidal area of this cross section of the canal.	1. $\frac{2c+6}{7} = 30$	1. Justin's bank balance was - \$106.11. Today his balance is \$269.28. What is the difference between Justin's bank balances?	1. Abe ordered 3 custom Chicago Bull jerseys for 41.95 each. The tax was 7.2% and the shipping charges were \$11.46. What was the total cost of Abe's purchase?
2. $\frac{3m+6}{4} = 37$	2. Tanner is lost in the woods. The maximum speed he can walk is two miles per hour in any direction. How much area will searchers need to cover if he has been missing for two hours?	2. Jackson's Tuna Company packs Tuna into cans with a diameter of 6.8 cm and a height of 4 cm. What is the surface area of the can?	2. Nathan is an expert target shooter. He hit the target on 12 out of twenty shots. What is the probability that Nathan will hit the target on his next shot?	2. A rectangular room on a blueprint is 2 inches by 5 inches. If the scale factor is 1:72. What are the overall dimensions of the room?
3. A set of cards contains 15 yellow cards, 10 green cards and 10 blue cards. What is the probability that a card chosen at random will be a yellow card?	3. Taylen needs to enclose his pasture with a fence to keep his cows from escaping. His pasture is a perfect rectangle with one side measuring 40 feet and another side measuring 80 feet. How much fencing will Taylen need to enclose his pasture?	3. Kyle mailed a package that weighs 91 pounds. Sydney needs to mail a package with a similar shape to Kyle's that has a scale factor of 2. How much does Sydney's package weigh in pounds?	3. An irrigation system waters in a circular pattern. If each irrigated section is a circle with a diameter of 80 feet, what is the area of the irrigated section?	3. The temperature on the planet Mercury averages 873 degrees F while on Pluto the average is -393 degrees Fahrenheit. What is the difference between the two temperatures?
4. Chris needs to build an animal shelter for the Crestdale Green Machine. The rectangular base of shelter needs to be 400 square feet. He is using 4x8 sheets of plywood. What is the minimum number of sheets Chris will need to build the base of the shelter?	4. The local movie theatre sells popcorn in a container with a diameter of 10 inches and a height of 12 inches. How many cubic inches of popcorn can the container hold?	4. The volume of a box is $2130\text{cm}^3$ . What is the volume of a larger, similarly shaped box that has scale factor of 2.5?	4. Bryce brought a 24 pack of his favorite soft drink. The total cost was \$9.24. What was the unit cost for one bottle?	4. A triangular prism has an area of the base of $15\text{ft}^2$ . The height is 8ft. What is the volume of the pyramid?
5. The formula for the area of a trapezoid is?	5. The diameter of a soccer ball is approximately 21 cm. About how much air will the soccer ball hold? Use 3.14 for $\pi$ . Round answer to the nearest cubic centimeter.	5. A rectangular prism has the following dimensions: l=4 feet, w=9feet and h= 15 feet. What is the volume of the prism?	5. Josh charges 25.00 to mow a yard. Josh needs to raise his rate by 25% to afford the latest copy of Minecraft. What would Josh's new rate be?	5. A _____ is a line that intersects two lines.

Weekly Math 15  
Math 7

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

Due Date: Friday, April 19