Monday	Tuesday
1. Simplify: 3 (3x – 8) + -12(2x + 6)	1. $\frac{5}{6} + \frac{5}{12} + 3\frac{1}{24} = ?$
2. Simplify: −11 − (−5) − (−16) =	2. The birdhouse in Gabriella's yard casts a shadow that is 13.5 feet long. Gabriella is 5 feet tall and casts a shadow that is 3.75 feet long. Write a proportion to determine how tall is the birdhouse.
3. A flower bed measures 12 feet in diameter. What is the area of the flower bed rounded to the nearest tenth?	3. A master print has the dimensions of 6.13 cm by 4.90 cm. The scale factor is 1/15. Find the actual dimensions of the painting.
4. 3% of 59 is what number?	4. A cactus casts a shadow that is 11.25 feet long. A nearby gate 4 feet tall casts a shadow that is 5 feet long. What is the height of the cactus?
5. A college basketball court is a **rectangle** that measures 94 feet long and 50 feet wide. What is the area, in feet, of the court?	5. Samantha purchased a pair of pants for 79.95 and a jacket for 44.00. The sales tax was calculated at 5.5%. What was the total cost of Victoria's purchase?

Name: _____

Wednesday	Thursday	Friday
1. A ratio formed by the corresponding sides of two similar figures is the _____ _____?	1. A wall in an $\frac{1}{4}$ inch scale drawing is 3 inches. How tall is the actual wall?	1. A radio station broadcasts over a 75 mile radius. What is the area of the region that will receive the signal?
2. $10\frac{3}{8} - 4\frac{5}{16} =$	2. John scored a 76, 88, 92 and eighty on a series of tests. What grade does Bryce need to average a 90?	2. 85, 25, 18,82,5,87,65,51,50,14,36 and twenty. Find the mean and median.
3. $\frac{2}{9} \div \frac{5}{6} =$	3. Quientin is viewing bacteria with a 1000:1 scale microscope view. If the paramecium appears to have a length of 39mm, what is the actual length?	3. A dog is tied to a stake. The rope is 20 meters long. What is the total area that the dog can roam?
4. The length of an object on a scale drawing is 5cm, and its actual length is 15m. The scale is 1cm: x meters. What is the scale?	4. $\frac{18}{50} = \frac{9}{w} =$	4. Chris's Pizza Parlor sells a 14 inch pizza. Justin's Pizza House sells a 16 inch pizza. How much more pizza is you getting at Justin's than at Chris's? Hint: calculate the area of a circle and find the difference.
5. What is the unit rate for 525.00 for 20 hours of work?	5. _____ figures have the same shape, but not necessarily the same size.	5. Kevin brought 10 Jay Z tickets for $2640. He wants to mark the tickets up 15% and sell them for a profit. How much will each ticket cost? Use a proportion to solve.