

Name:

6th Grade Math Homework

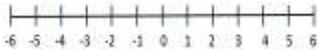
August 31 – Sept 4

Please use your math notebook and/or our math website for help/videos to help with concepts on this homework.

6th grade math website: sms6math.weebly.com

SHOW ALL WORK IN THE WORK COLUMN.

Monday	Monday's Work	Tuesday	Tuesday's Work
Find the quotient. $32 \overline{) 8,734}$		Find the quotient. $13 \overline{) 3,465}$	
Write an integer that represents 20 feet below sea level.		Circle the scenario that represents -45.	45 feet above sea level Gain of 45 yards Withdrawal of \$45
Use Order of Operations to solve. PEMDAS $7 + 8(3^2 - 2)$		Use Order of Operations to solve. $4^3 - (24 \div 6) + 8$	
What is the square of 8?		What is the opposite of -67?	
Graph the absolute value of -3.		Solve. $ -109 $	
Find the prime factorization of 42.		List 50 as a product of its prime factors.	
What is the greatest common factor (GCF) of 40 and 60?		Ms. Smith has 28 sixth graders and 35 seventh graders for Math. If she wants to break the two grades into identical groups without any students left over, how many students will be in each group?	
What is the Least Common Multiple (LCM) of 8 and 12?		On every 3 rd day Ivan goes to the gym to exercise. On every 5 th day, Gavin goes to the gym to exercise. What is the first day Ivan and Gavin will be at the gym on the same day?	

Wednesday	Wednesday's Work	Thursday	Thursday's Work
Find the quotient. $16 \overline{) 8,888}$		Find the quotient. $18 \overline{) 9,876}$	
Write an integer that represents 13 degrees above zero.		Circle the scenario that represents 7.	Loss of 7 yards. Depositing \$7. 7 miles below sea level
Use Order of Operations to solve. $(6+23) \times (32-25) + 7^2$		Use Order of Operations to solve. $5^2 + 2[73 - (4 \times 5)]$	
What is the square of 7?		What is the opposite of 789?	
Graph the absolute value of 4.		A kite is flying 24 feet in the air. A groundhog is burrowing 5 feet below the ground. How far is the kite from the groundhog?	
Find the prime factorization of 75.		List 38 as a product of its prime factors.	
What is the greatest common factor (GCF) of 36 and 54?		Emma says the GCF of 16 and 12 is 48. Her friend says the answer is 4. Who is right?	
What is the LCM of 4 and 10?		A red string of holiday lights blinks once every 3 seconds while a string of blue lights blink every 4 seconds. How many times will both sets of lights blink at the same time in 1 minute (60 seconds)?	