**7.NS.3 – Homework Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **Mt. Everest, the highest elevation in Asia, is 29,028 feet above sea level. The Dead Sea, the lowest elevation, is 1,312 feet below sea level. What is the difference between these two elevations?**
2. **In Buffalo, New York, the temperature was -14°F in the morning. If the temperature dropped 7°F, what is the temperature now?**
3. **A submarine was situated 800 feet below sea level. If it ascends 250 feet, what is its new position?**
4. **Maggie owes the candy store $35.62. Each of 5 friends will help her pay off her debt. How much will each friend pay?**
5. **Roman Civilization began in 509 B.C. and ended in 476 A.D. How long did Roman Civilization last?**
6. **Lilly bought 4 pairs of blue jeans at $32.88 each. How much money did she pay the clerk?**
7. **On Tuesday the mailman delivers 3 checks for $5.23 each and 2 bills for $2.09 each. If you had a starting balance of $25.00, what is the ending balance?**
8. **You owe $225.45 on your credit card. You make a $55.00 payment and then purchase $87.98 worth of clothes at Dillards. What is the integer that represents the balance owed on the credit card?**
9. **During the football game, Justin caught three passes. One was for a touchdown and went 52 yards. The other was for a first down and was for 17 yards. The other was on a screen pass that did not work so well and ended up a gain of -10 yards. What was the total yardage gained by Justin on the pass plays?**
10. **James plays in the backfield of the Big Town football team. Last week he ran four plays from the halfback position. He made "gains" measured in yards of 3, 4, 1, and 5. What were his average yards per gain? Round your answer to the nearest tenth of a yard.**
11. **A monkey sits on a limb that is** $25 \frac{1}{2}$ **feet above the ground. He swings up 10 feet, climbs up** $6 \frac{1}{3}$ **feet more, than jumps down 13 feet. How far off the ground is the monkey now?**
12. **A submarine dove 836 feet. It rose at a rate of 22 feet per minute. What was the depth of the submarine after 12 minutes?**

**7.NS.3 HOMEWORK SOLUTIONS**

1. **Mt. Everest, the highest elevation in Asia, is 29,028 feet above sea level. The Dead Sea, the lowest elevation, is 1,312 feet below sea level. What is the difference between these two elevations? 30340 feet**
2. **In Buffalo, New York, the temperature was -14°F in the morning. If the temperature dropped 7°F, what is the temperature now? -21°F**
3. **A submarine was situated 800 feet below sea level. If it ascends 250 feet, what is its new position? 550 feet below sea level**
4. **Maggie owes the candy store $35.62. Each of 5 friends will help her pay off her debt. How much will each friend pay? $5.94**
5. **Roman Civilization began in 509 B.C. and ended in 476 A.D. How long did Roman Civilization last? 985 years**
6. **Lilly bought 4 pairs of blue jeans at $32.88 each. How much money did she pay the clerk? $131.52**
7. **On Tuesday the mailman delivers 3 checks for $5.23 each and 2 bills for $2.09 each. If you had a starting balance of $25.00, what is the ending balance? $36.51**
8. **You owe $225.45 on your credit card. You make a $55.00 payment and then purchase $87.98 worth of clothes at Dillards. What is the amount that represents the balance owed on the credit card? $258.43**
9. **During the football game, Justin caught three passes. One was for a touchdown and went 52 yards. The other was for a first down and was for 17 yards. The other was on a screen pass that did not work so well and ended up a gain of -10 yards. What was the total yardage gained by Justin on the pass plays? 59 yards**
10. **James plays in the backfield of the Big Town football team. Last week he ran four plays from the halfback position. He made "gains" measured in yards of 3, 4, 1, and 5. What were his average yards per gain? Round your answer to the nearest tenth of a yard. 3.3 yards**
11. **A monkey sits on a limb that is** $25 \frac{1}{2}$ **feet above the ground. He swings up 10 feet, climbs up** $6 \frac{1}{3}$ **feet more, than jumps down 13 feet. How far off the ground is the monkey now? 28** $\frac{5}{6}$ **feet**
12. **A submarine dove 836 feet. It rose at a rate of 22 feet per minute. What was the depth of the submarine after 12 minutes? 572 feet**