7.NS.3: Worksheet

1. There's a special at the Steak Palace: 3 rib-eyes for $30.45. Tanya's having a big steak party at her place, and she needs 27 steaks to feed everyone. What will this cost her? Her total will be $274.05.

2. In the same Steak Palace special as the last problem, what's the cost per steak? Each steak is $10.15.

3. Tim's taking a road trip from the village of Shmoopville to the state capitol, St. Shmoop. His trip is 637.5 miles total. If he knocks out 300.1 miles the first day and 286.54 miles the second day, how much further does he have to go? He's got another 50.86 miles left.

4. Betty has 165 classic G.I. Joe dolls?er, *action figures*?in her collection, and she's feeling generous. If she gives $\frac{1}{3}$ of them to her buddy James, how many does she have left? She's got 110 dolls left.

5. It's been a weird day, temperature-wise. If it was 75.6°F outside at midday, then it rose 6°F in the afternoon and dropped another 12.3°F by 8:00 P.M., what was the temperature at 8:00pm? It was 69.3°F at 8:00 P.M.

6. Joey has 4 liters of strawberry soda to share evenly with Rachel, Ross, Chandler, Monica, and Janice. If Joey doesn't want any himself, how much soda will each of the others get? They'll each get 0.8 liters.

7. Jackson is scuba diving on a hunt for sunken treasure. He dives down 450 meters, then gets nervous and ascends back up 323.4 meters. After taking a minute to regain his confidence, he then dives down another 101.1 meters. How far is he from the surface now? Jackson is 227.7 meters below the surface.

8. Bruce has $120 to spend on video games. If Triassic Park costs $35.50, Minecart Madness costs $45.30, Banjo Hero costs $63.25, and Dog Attack! costs $30.45, what is the maximum number of games he can buy? He'll only be able to afford 3 of the 4 games at most.

9. Veronica's family is getting ready for a huge go-kart race. They only brought 15 gallons of gasoline, though. If each cart needs $2\frac{1}{3}$ gallons of gas, how many go-karts can race? They have enough gas for 6 go-karts (plus some left over).

10. The difference between John and Jane's college tuition was $1130.75. If Jane's tuition was $45,000.00, what are the two possible costs for John's tuition? John's tuition was either $43,869.25 or $46,130.75.