



## Word Problems Leading to Inequalities

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Grade 7 Place Value Worksheet

Date: \_\_\_\_\_

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

### SOLVE THE FOLLOWING WORD PROBLEMS

1. The highest elevation in the world is 29,029 feet and the lowest is -35,994 feet. What is the difference between the two?
2. The temperature in Tulsa is 105 degrees and the temperature in Kenai is -15 degrees. What is the temperature difference between the two cities?
3. Sammie is on a game show with a score of -250. If he scores 450 points what is his new score?
4. Kim had \$-124 in her bank account. She deposits \$150 for her birthday. How much money does kim have in her bank account?
5. A group of hikers started at an elevation of 1,803 feet. A squid is swimming 300 feet below sea level. What is the distance between the hikers and the squid?
6. Jim had \$362 in his bank account. He spent \$54 then made a deposit of \$82. How much money does Jim have in his bank account?
7. During a football game, one team has 42 points and the other team has 21 points. What is the difference between the two scores?
8. A plane is flying at 26,294 feet. To avoid turbulence, it decreased in altitude by 7,395 feet. At what altitude is the plane now flying?
9. The temperature Thursday morning was 78 degrees. If the temperature rose 13 degrees by noon, what was the new temperature?
10. A diver was 53 feet below the ocean's surface. If he rises 25 feet, what is his new depth?



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### Answers

1. 65,023 feet
2. 120 degrees
3. 200
4. \$26
5. 1,503 feet
6. \$390
7. 21 points
8. 18,899 feet
9. 91 degrees
10. 78 feet