

Name _____

Grade 8 Estimation Word Problems Answer Key

1. Approximately 40 markers (2 sets of markers) are needed for the class of 32 students.
2. The estimated amount of ingredients needed to serve 15 people is 2.5 times the original recipe.
3. The estimated distance in miles is approximately 6.2 miles (10 kilometers x 0.62137 miles per kilometer).
4. The estimated local time in the other city is 4 PM (6 PM - 2 hours).
5. The estimated amount of solution needed is 40 milliliters (1 part solution: 4 parts water = 1: 5 total parts).
6. The estimated time to assemble 3 bookshelves is 6 hours (2 hours/bookshelf x 3 bookshelves).
7. The estimated area of the room in square feet is approximately 48.44 square feet (6 meters x 8 meters x 10.764 square feet per square meter).
8. The estimated distance the car can travel with half a tank of gas is 200 miles (400 miles / 2).
9. The estimated time to read the 300-page book is 7.5 hours (20 pages/30 minutes x 300 pages).
10. The estimated percentage increase is 25% ($(\$25 - \$20) / \$20 \times 100\%$).

