

Grade: 4

Category: Word Problems: The four operations

Subcategory: Estimating and Rounding

Worksheet #:64Q

Solve the following problems.

1. Emily wants to buy a toy that costs \$18. She estimates that she has about \$20 in her piggy bank. Does she have enough money to buy the toy?
2. The school is organizing a field trip to a museum. They estimate that 120 students will attend. If each bus can carry 50 students, how many buses are needed for the trip?
3. A carpenter needs to cut a piece of wood that is 156 centimeters long. She estimates that she needs to cut 150 centimeters. How much wood will be left after the cut?
4. A farmer has 248 apples on one tree and 315 apples on another tree. She wants to estimate the total number of apples. What is her estimate?
5. Sarah is reading a book with 320 pages. She has already read 185 pages. How many more pages does she need to read to finish the book?
6. Problem: The school library has 983 books. They want to round it to the nearest hundred. How many books will they report?
7. The cafeteria made 85 sandwiches for lunch. If they estimate that each student will take 3 sandwiches, how many students do they expect to serve?
8. A construction project requires 280 bags of cement. If each bag weighs 50 pounds, what is the estimated total weight of all the bags of cement?
9. Jack and his friends are going on a road trip. They estimate that they will drive approximately 350 miles each day. How many miles will they travel in total if the trip lasts for 4 days?

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Worksheet #:64A

Solve the following problems.

1. Emily wants to buy a toy that costs \$18. She estimates that she has about \$20 in her piggy bank. Does she have enough money to buy the toy? **Answer: Yes, she has enough money to buy the toy.**
2. The school is organizing a field trip to a museum. They estimate that 120 students will attend. If each bus can carry 50 students, how many buses are needed for the trip? **Answer: They need 3 buses for the trip.**
3. A carpenter needs to cut a piece of wood that is 156 centimeters long. She estimates that she needs to cut 150 centimeters. How much wood will be left after the cut? **Answer: There will be 6 centimeters of wood left.**
4. A farmer has 248 apples on one tree and 315 apples on another tree. She wants to estimate the total number of apples. What is her estimate? **Answer: Her estimate is 500 apples.**
5. Sarah is reading a book with 320 pages. She has already read 185 pages. How many more pages does she need to read to finish the book? **Answer: She needs to read 135 more pages.**
6. The school library has 983 books. They want to round it to the nearest hundred. How many books will they report? **Answer: They will report 1000 books.**
7. The cafeteria made 85 sandwiches for lunch. If they estimate that each student will take 3 sandwiches, how many students do they expect to serve? **Answer: They expect to serve 28 students.**
8. A construction project requires 280 bags of cement. If each bag weighs 50 pounds, what is the estimated total weight of all the bags of cement? **Answer: The estimated total weight is 14,000 pounds.**
9. Jack and his friends are going on a road trip. They estimate that they will drive approximately 350 miles each day. How many miles will they travel in total if the trip lasts for 4 days?
Answer: They will travel approximately 1400 miles in total.