

Name _____

Estimation Word Problems



1. Emma is planning a hiking trip and wants to estimate the distance of the trail. She estimates that each kilometer of the trail takes about 20 minutes to hike. If she plans to hike for 3 hours, how many kilometers should she estimate the trail is?
2. The school cafeteria is estimating the amount of salad they need for lunch. They estimate that each student eats about 0.25 kilograms of salad. If there are 400 students in the school, how many kilograms of salad should they estimate they need?
3. The local library is estimating the number of books on its shelves. They estimate that each shelf can hold about 50 books. If there are 20 shelves in the library, how many books should they estimate they have?
4. A construction company is estimating the amount of paint needed for a building. They estimate that each gallon of paint can cover about 100 square feet. If the building has a surface area of 2000 square feet, how many gallons of paint should they estimate they need?
5. The city is estimating the number of streetlights needed for a new neighborhood. They estimate that each streetlight illuminates an area of 50 square meters. If the neighborhood has an area of 5000 square meters, how many streetlights should they estimate they need?
6. Mark is estimating the amount of time he spends on homework each week. He estimates that he spends about 1.5 hours on homework each day. If he does homework for 5 days a week, how many hours should he estimate he spends on homework each week?
7. The farmer is estimating the number of eggs his chickens lay each month. He estimates that each chicken lays about 5 eggs per week. If he has 30 chickens, how many eggs should he estimate they lay in total in a month?
8. The local gym is estimating the number of dumbbells needed for a new exercise class. They estimate that each participant needs one pair of dumbbells weighing 5 kilograms each. If there are 20 participants in the class, how many kilograms of dumbbells should they estimate they need?
9. A family is estimating the cost of a home renovation project. They estimate that each square meter of flooring costs \$20 to install. If they are renovating a room that is 4 meters by 5 meters, how much should they estimate the flooring will cost?
10. The school is estimating the number of pencils needed for the upcoming school year. They estimate that each student needs about 10 pencils for the entire year. If there are 300 students in the school, how many pencils should they estimate they need?

