

Subject: Maths

Class: 7

Topic: Estimation and Rounding in Context

Levels: Basic, Intermediate, Advanced

Level: Basic

1. Round ₹ 87 to the nearest 10. Answer: ₹ _____
2. A bag of rice weighs 432 kg. Round this to the nearest 100 kg: _____
3. Estimate the sum of $58 + 41$ by rounding each to the nearest 10: _____
4. There are 1,256 students in a school. Round this to the nearest 1000: _____
5. A toy costs ₹ 495. Round the price to the nearest 100: _____
6. Estimate the difference: $89 - 22$ by rounding to the nearest 10: _____
7. Round 7,892 to the nearest 100: _____
8. If a train ticket is ₹ 1,243, what is the estimated cost to the nearest 10? _____
9. Which is a better estimate for 48×11 ? (500 or 400): _____
10. Round the number of days in a year (365) to the nearest 100: _____

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Level: Intermediate

1. Arjun bought 3 items for ₹ 122, ₹ 89, and ₹ 156. Estimate the total bill to the nearest 100: _____
2. A cricket stadium has 34,567 seats. Round this to the nearest 10,000: _____
3. Multiply 42×67 by rounding both numbers to the nearest 10. Estimated Product: _____
4. A farmer harvested 2,345 kg of wheat. If he sells 1,180 kg, estimate the remaining wheat (nearest 100):

5. The area of a park is 872 m². Round this to the nearest 10: _____
6. Divide 812 by 39 by rounding both to the nearest 10. Estimated Quotient: _____
7. A shopkeeper has 1,450 ₹ stickers. He gives away 672. Estimate how many are left (nearest 100):

8. Is 700 a reasonable estimate for 24×31 ? (Yes/No): _____
9. The distance between two cities is 456 km. Round this to the nearest 100: _____
10. Estimate the perimeter of a square with side 24 cm by rounding the side to the nearest 10: _____

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1. Estimate the cost of 19 chairs if each costs ₹ 1,950. (Round both to highest place value): _____
2. A school trip costs ₹ 12,450. If 11 students share the cost equally, estimate each student's share:

3. Calculate the area of a room 12.8 m by 9.2 m by rounding to the nearest whole number: _____ m²
4. Estimate ₹85 to the nearest whole number: _____
5. A tank holds 5,678 litres of water. 1,234 litres are used. Estimate the remaining water to the nearest 1000:

6. A car travels 445 km on 22 litres of petrol. Estimate the mileage (km/L) using rounding: _____
7. Estimate the value of ₹ by taking ₹ as 3.14 and rounding to the nearest whole number: _____
8. If a notebook costs ₹ 42.50, estimate the price of 102 notebooks to the nearest 1000: _____
9. The population of a town is 1,56,789. Round this to the nearest Lakh: _____
10. Use ₹ symbols to represent the estimated sum of 3 + 4 rounded to the nearest 10: _____