

Subject: Mathematics

Class: 6

Topic: Knowing Our Numbers (Estimation and Rounding Off)

Levels: Basic, Intermediate, Advanced

Level: Basic

1. Round off the number 4,562 to the nearest tens: _____
2. Estimate the sum of $528 + 197$ by rounding to the nearest hundreds: _____
3. Round off ? 8,432 to the nearest thousands: _____
4. Which is a better estimate for 48×21 ? (1000 or 800): _____
5. Is 7,500 rounded to the nearest thousand 7,000 or 8,000? _____
6. Estimate the difference: $957 - 412$ (Round to nearest hundreds): _____
7. Use the symbol ? to mark the approximate position of 65 on a number line of 0-100.
8. Round off the price of a book costing ? 499 to the nearest tens: _____
9. True or False: 45 rounded to the nearest tens is 50. _____
10. Write the smallest 3-digit number that rounds to 200 when rounded to nearest hundred: _____

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Level: Intermediate

1. Estimate the product 73×18 using the general rule (round each to its greatest place): _____
2. A bag of rice weighs 4,872g. Round this weight to the nearest kg: _____
3. Estimate ? $12,904 + ? 2,888$ by rounding off to the nearest thousands: _____
4. What is the estimated value of $8,325 - 491$ using tens rounding? _____
5. Find the estimated product of 598×405 using the general rule: _____
6. Round off the population of a village (15,276) to the nearest hundreds: _____
7. Which sign ($<$, $>$, $=$) fits? 450 rounded to hundreds [?] 500 rounded to hundreds.
8. Estimate the quotient of $813 \div 18$ by rounding to nearest tens: _____
9. Round off the area of a field (2,449 sq. units) to the nearest thousand: _____
10. A car travels 342 km. Estimate the distance to the nearest hundred: _____

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1. Estimate the product $5,281 \times 3,491$ using the general rule: _____
2. If ? represents a number that rounds to 500 (nearest hundred), what is the smallest ?? _____
3. Estimate the cost of 12 laptops if each costs ? 48,290 (Round to nearest thousands): _____
4. Find the difference between the greatest and smallest 4-digit numbers that round to 5,000.
5. Simplify and estimate: $(4,500 + 5,400) \div 29$ by rounding to nearest tens: _____
6. Calculate the estimated sum of ? $1,02,345 + 56,789$ by rounding to nearest ten-thousands.
7. If ? is roughly 3.14, round its value to the nearest whole number: _____
8. Round off the value of $5^2 + 4^2$ to the nearest tens: _____
9. An airplane flies 12,345 km. Round this to the nearest thousand and then to ten-thousand: _____
10. Challenge: Estimate $(925 \times 105) - (412 \times 195)$ using rounding to nearest hundreds: _____