

Computation Worksheet

Rounding, decimal places, significant figures and estimation. 30 questions.

Name: _____ Date: _____ Form: _____

Part A: Rounding to the nearest ten, hundred and thousand

Round each number as instructed. (Q1-10)

1. Round 4,263 to the nearest ten.
2. Round 4,263 to the nearest hundred.
3. Round 4,263 to the nearest thousand.
4. Round 89,574 to the nearest ten.
5. Round 89,574 to the nearest hundred.
6. Round 89,574 to the nearest thousand.
7. Round 127.365 to the nearest ten.
8. Round 9,995 to the nearest thousand.
9. Round 647.2 to the nearest hundred.
10. Round 3,950 to the nearest thousand.

Part B: Decimal places and significant figures

Write each number as instructed. (Q11-20)

11. Write 12.476 correct to 1 decimal place.
12. Write 12.476 correct to 2 decimal places.
13. Write 0.0851 correct to 2 decimal places.
14. Write 345.987 correct to 1 decimal place.
15. Write 27.046 correct to 2 decimal places.
16. Write 5.899 correct to 1 decimal place.
17. Write 2,361 correct to 1 significant figure.
18. Write 2,361 correct to 2 significant figures.
19. Write 2,361 correct to 3 significant figures.
20. Write 0.04069 correct to 2 significant figures.

Part C: Estimation using the four operations

Estimate by rounding each number to one significant figure unless told otherwise. (Q21-30)

21. Estimate the value of 398×21 .
22. Estimate the value of $5,892 + 3,107$.
23. Estimate the value of $812 \div 41$.
24. Estimate the value of 59.7×4.2 .
25. Estimate the value of $7,905 - 2,116$.
26. Estimate the value of $3,981 \times 5.02$.
27. Between which two consecutive whole numbers does the square root of 95 lie?

28. Between which two consecutive whole numbers does the square root of 120 lie?
29. Estimate 29.4% of 79.
30. Each carton holds 24 bottles. Estimate how many bottles there are in 19 cartons.