

Significant Figures Worksheet

Identify the number of significant figures in the following numbers

- | | | |
|---------------------------|----------------------|---------------------------|
| 1. 357 | 7. 5050 | 13. 15.0×10^{-5} |
| 2. 10000 | 8. 5050.0 | 14. 0.7007 |
| 3. 51015 | 9. 6.8×10^3 | 15. 0.70070 |
| 4. 6.060×10^{-2} | 10. 0.002110 | 16. 4206 |
| 5. 0.0007 | 11. 33.303 | 17. 0.02 |
| 6. 4.556×10^{-9} | 12. 170 | 18. 10.01 |

Complete the following problems and round to the correct number of significant figures

- | | |
|-------------------------------|----------------------------------|
| 1. 6×0.30 | 21. $8000 \div 9.7$ |
| 2. $35.6 + 56.27$ | 22. $45.758 - 33.22$ |
| 3. $0.03 \times 7 \times 210$ | 23. 35.45×6.1 |
| 4. $4.337 + 84.7128$ | 24. $19.6 - 8.77$ |
| 5. 11.6×6.24 | 25. 1.1×3.25 |
| 6. $6.2 + 4.114$ | 26. $23 + 16.4 + 22.0$ |
| 7. 0.004×5280 | 27. $1000 \div 19.7$ |
| 8. $7.331 + 12.42$ | 28. $24.5764 - 1.98$ |
| 9. $500.55 \div 5.11$ | 29. 10.0×0.02 |
| 10. $22.5285 + 22.14 + 4.266$ | 30. $8.31 + 7.2 + 9.4626$ |
| 11. $1000 \div 8.2$ | 31. $6848 \div 2.4$ |
| 12. $88.489 + 7.133 + 6.5$ | 32. $3.94 + 68.77 + 83.197$ |
| 13. 51.6×31.4 | 33. 3.3×2.7 |
| 14. $48.835 - 9.1$ | 34. $12.484 + 3.6$ |
| 15. 8088×0.4 | 35. $31.66 \div 0.02$ |
| 16. $16.221 - 8.28$ | 36. $19.117 - 8.11$ |
| 17. $204.17 \div 3.2$ | 37. $9.66 \div 0.33$ |
| 18. $101.12 - 98.7$ | 38. $7.6924 + 9.6 - 4.888$ |
| 19. 31.2×4.1 | 39. $12.4 \times 12.8 \times 16$ |
| 20. $13.7 + 25.466$ | 40. $19.8 - 8.75 + 11$ |

Complete the following problems and round to the correct number of significant figures

1. $44.47 \div (7.2 + 9.49)$
2. $1.49 \times 26.5 - 94.91$
3. $7.64^2 \div 9.554 + 39.2$
4. $3.3 \times 3.421 + 36.2$
5. $3.7^3 \div (18.183 - 13.2)$
6. $12.82^2 + 18.133 \times 5.5$
7. $9.29 \div 6.7 - 32.68$
8. $61.7 - 2.58^3 \div 88.412$
9. $2.3^2 \times 9.489 + 5.11^3$
10. $53.14 \times 24.643 + 2.90^6$