

Math Sheet

Name _____ Score _____ / 20 Teacher _____ Date _____

Identify Significant Digits

Write the number of significant digits in each measured value.

Whole-number trailing zeroes without a decimal mark do not count on this sheet. Scientific notation makes intended precision explicit.

1. 1010

2. 1.20×10^{-6}

3. 0.0040

4. 1200

5. 10.00

6. 7004

7. 0.0305

8. 0.000002

9. 0.235

10. 3.570

11. 4.005×10^9

12. 9.21293

13. 8907

14. 5040

15. 9.09×10^0

16. 7.94×10^{-8}

17. 5705

18. 1307

19. 3×10^5

20. 3.8×10^{-1}

Math Sheet

Name _____ Score _____ / 20 Teacher _____ Date _____

Identify Significant Digits

Answer key

Write the number of significant digits in each measured value.

Whole-number trailing zeroes without a decimal mark do not count on this sheet. Scientific notation makes intended precision explicit.

1. 1010

Significant digits: 3

2. 1.20×10^{-6}

Significant digits: 3

3. 0.0040

Significant digits: 2

4. 1200

Significant digits: 2

5. 10.00

Significant digits: 4

6. 7004

Significant digits: 4

7. 0.0305

Significant digits: 3

8. 0.000002

Significant digits: 1

9. 0.235

Significant digits: 3

10. 3.570

Significant digits: 4

11. 4.005×10^9

Significant digits: 4

12. 9.21293

Significant digits: 6

13. 8907

Significant digits: 4

14. 5040

Significant digits: 3

15. 9.09×10^0

Significant digits: 3

16. 7.94×10^{-8}

Significant digits: 3

17. 5705

Significant digits: 4

18. 1307

Significant digits: 4

19. 3×10^5

Significant digits: 1

20. 3.8×10^{-1}

Significant digits: 2