

Name: KEY Date: _____ Hr: _____

Worksheet: Significant Figures #2

Directions: Write the number of significant figures in the blank preceding the number.

1. 1 10
2. 4 3201
3. 3 4.00
4. 3 7.99
5. 3 0.238
6. 5 12.010
7. 5 23,000.
8. 3 12,800
9. 6 309.009
10. 1 1,000,000
11. 3 200.
12. 5 102.59
13. 5 0.011032
14. 7 932,004.6
15. 5 880.00
16. 3 101
17. 7 2.808000
18. 6 1.80081
19. 5 0.00024900
20. 1 70
21. 6 123,987
22. 6 3,180.00
23. 4 43.60
24. 8 1.6000040
25. 5 0.045090
26. 2 0.095
27. 5 100.00
28. 8 30,022.070
29. 2 910
30. 5 0.030300

Name: _____ Date: _____ Hr: _____

1. $1.2 \text{ m} + 2.35 \text{ m} = \underline{3.6 \text{ m}}$
3.55

2. $2.6538 \text{ cm} \times 2.1 \text{ cm} = \underline{5.6 \text{ cm}^2}$
5.57298

3. $5.681 \text{ dm} - 2 \text{ dm} = \underline{4 \text{ dm}}$
3.681

4. $3845.2 \text{ m}^3 \div 25.2354 \text{ m} = \underline{152.37 \text{ m}^2}$
152.37325

5. $25 \text{ cm} + 3 \text{ cm} = \underline{28 \text{ cm}}$
28

6. $1.2 \text{ m} \times 2 \text{ m}^2 = \underline{2 \text{ m}^3}$
2.4

7. $859678.2354 \text{ cm} - 568426.1 \text{ cm} = \underline{291252.1 \text{ cm}}$
291252.1354

8. $5.3 \text{ m} \times 5.2398 \text{ m} \times 2 \text{ m} = \underline{60 \text{ m}^3}$
55.54188

9. $45.25252 \text{ nm} + 45.8563 \text{ nm} = \underline{91.1088 \text{ nm}}$
91.10882

10. $68.23 \text{ hm} \div 38.255 \text{ hm} = \underline{1.784}$
1.783557705

11. $2.354 \text{ dam} + 2.354 \text{ dam} + 2.35 \text{ dam} = \underline{7.06 \text{ dam}}$
7.058

12. $0.28524 \text{ m} \times 0.25124 \text{ m} \times 1.235 \text{ m} = \underline{0.08850 \text{ m}^3}$
0.08850467

13. $100 \text{ cm} - 1.0 \text{ cm} = \underline{100 \text{ cm}}$
99

14. $100 \text{ cm} \times 1 \text{ cm} = \underline{100 \text{ cm}^2}$

15. $0.000456 \text{ dm} + 0.00524 \text{ m} = \underline{0.00570}$
0.005696

16. $1254.1 \text{ cm} \div 100 \text{ cm} = \underline{10}$
12.541

17. $45.23547 \text{ g} - 20.584 \text{ g} = \underline{24.651 \text{ g}}$
24.65147

18. $1 \text{ L} \times 1.0 \text{ L} = \underline{1 \text{ L}}$

19. $0.00245 \text{ L} + .234 \text{ L} = \underline{0.236 \text{ L}}$
0.23645

20. $100,000 \text{ g} \div 10.0 \text{ g} = \underline{10,000}$
10,000