|  |
| --- |
| *Write the following as a decimal.* |

|  |  |  |
| --- | --- | --- |
| 1. Three and one thousandth \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 3.001 | |

|  |  |  |
| --- | --- | --- |
| 2. One tenth \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 0.1 | |

|  |  |  |
| --- | --- | --- |
| 3. Four and fifty-six one hundredths \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 4.56 | |

|  |  |  |
| --- | --- | --- |
| 4. Twelve and three tenths \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 12.3 | |

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| --- |
| *Convert the following fractions to decimals.* |

|  |  |  |
| --- | --- | --- |
| 5. 3/10 \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 0.3 | |

|  |  |  |
| --- | --- | --- |
| 6. 27/100 \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 0.27 | |

|  |  |  |
| --- | --- | --- |
| 7. 31/1000 \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 0.031 | |

|  |  |  |
| --- | --- | --- |
| 8. 58/10,000 \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 0.0058 | |

|  |  |  |
| --- | --- | --- |
| 9. 276/100,000 \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 0.00276 | |

|  |
| --- |
| *Subtract the following decimals.* |

|  |  |  |
| --- | --- | --- |
| 10. 178.96 – 25.78 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 153.18 | |

|  |  |  |
| --- | --- | --- |
| 11. 2.85 – 1.99 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 0.86 | |

|  |  |  |
| --- | --- | --- |
| 12. 25.507 – 12.123 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 13.384 | |

|  |  |  |
| --- | --- | --- |
| 13. 0.0078 – 0.0021 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 0.0057 | |

|  |
| --- |
| *Add the following decimals.* |

|  |  |  |
| --- | --- | --- |
| 14. 0.6 + 0.89 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 1.49 | |

|  |  |  |
| --- | --- | --- |
| 15. 25.5 + 50.89 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 76.39 | |

|  |  |  |
| --- | --- | --- |
| 16. 0.125 + 0.25 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 0.375 | |

|  |  |  |
| --- | --- | --- |
| 17. 10.25 + 110.25 + 1110.25 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 1230.75 | |

|  |
| --- |
| *Multiply the following decimals.* |

|  |  |  |
| --- | --- | --- |
| 18. 2.789 × 1.458 = \_\_\_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 4.0664 | |

|  |  |  |
| --- | --- | --- |
| 19. 1.5 × 9.5 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 14.25 | |

|  |  |  |
| --- | --- | --- |
| 20. 0.6 × 10.6 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 6.36 | |

|  |  |  |
| --- | --- | --- |
| 21. 10.000 × 0.5 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 5 | |

|  |  |  |
| --- | --- | --- |
| 22. 126.87 × 4.1 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 520.167 | |

|  |
| --- |
| *Divide the following decimals.* |

|  |  |  |
| --- | --- | --- |
| 23. 28.825 / 5 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 5.765 | |

|  |  |  |
| --- | --- | --- |
| 24. 0.028 / 7 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 0.004 | |

|  |  |  |
| --- | --- | --- |
| 25. 56.64 / 8 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 7.08 | |

|  |  |  |
| --- | --- | --- |
| 26. 0.005 / 10 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 0.0005 | |

|  |  |  |
| --- | --- | --- |
| 27. 75 / 0.15 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 500 | |

|  |  |  |
| --- | --- | --- |
| 28. 28.4 / 0.32 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 88.75 | |

|  |  |  |
| --- | --- | --- |
| 29. 28.4 / 0.32 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 88.75 | |

|  |
| --- |
| *Express the following common fractions as percents.* |

|  |  |  |
| --- | --- | --- |
| 30. 3/5 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 60% | |

|  |  |  |
| --- | --- | --- |
| 31. 39/50 = \_\_\_\_\_\_\_\_\_\_   |  |  | | --- | --- | | *ANSWER:* | 78% | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Match each term with its meaning.*   |  |  | | --- | --- | | a. | decimal place | | b. | multiplication | | c. | decimal | | d. | decimal point | | e. | decimal fraction | | f. | multiplier | | g. | decimal system | | h. | continuing number | | i. | whole number | | j. | power of 10 | |

|  |  |  |
| --- | --- | --- |
| 32. process of multiplying tens together   |  |  | | --- | --- | | *ANSWER:* | j | |

|  |  |  |
| --- | --- | --- |
| 33. period placed to the left of a decimal fraction   |  |  | | --- | --- | | *ANSWER:* | d | |

|  |  |  |
| --- | --- | --- |
| 34. process of finding the product of numbers   |  |  | | --- | --- | | *ANSWER:* | b | |

|  |  |  |
| --- | --- | --- |
| 35. number system based upon multiples of 10   |  |  | | --- | --- | | *ANSWER:* | g | |

|  |  |  |
| --- | --- | --- |
| 36. number that does not come out evenly   |  |  | | --- | --- | | *ANSWER:* | h | |

|  |  |  |
| --- | --- | --- |
| 37. position of a number to the left or right of a decimal point   |  |  | | --- | --- | | *ANSWER:* | a | |

|  |  |  |
| --- | --- | --- |
| 38. linear array of numbers based upon multiples of 10   |  |  | | --- | --- | | *ANSWER:* | c | |

|  |  |  |
| --- | --- | --- |
| 39. number by which another number is multiplied   |  |  | | --- | --- | | *ANSWER:* | f | |

|  |  |  |
| --- | --- | --- |
| 40. number to the left of the decimal point   |  |  | | --- | --- | | *ANSWER:* | i | |

|  |  |  |
| --- | --- | --- |
| 41. expressed by placing a decimal point before the numerator   |  |  | | --- | --- | | *ANSWER:* | e | |