Mathematics Literacy Practise Questions

August 26, 2021

1 Operations

1. What does BODMAS mean when defining the order of operations?

1.1 Addition

1. $addition[0] + addition[1] =$
2. $addition[2] + addition[3] =$
3. $addition[4] + addition[5] =$
4. $addition[6] + addition[7] =$
5. $addition[8] + addition[9] + addition[10] =$
6. $addition[11] + addition[12] =$
7. $addition[13] + addition[14] + addition[15] =$
8. $addition[16] + addition[17] + addition[18] =$
9. $addition[19] + addition[20] + addition[21] =$
10. $addition[22] + addition[23] =$

1.2 Subtraction

1. $subtraction[0] - subtraction[1] =$
2. $subtraction[2] - subtraction[3] =$
3. $subtraction[4] - subtraction[5] =$
4. $subtraction[6] - subtraction[7] =$
5. $subtraction[8] - subtraction[9] - subtraction[10] =$
6. $subtraction[11] - subtraction[12] =$
7. $subtraction[13] - subtraction[14] - subtraction[15] =$
8. $subtraction[16] - subtraction[17] - subtraction[18] =$
9. $subtraction[19] - subtraction[20] - subtraction[21] =$
10. $subtraction[22] - subtraction[23] =$

1.3 Multiplication

1. $multiplication[0] \times multiplication[1] =$
2. $multiplication[2] \times multiplication[3] =$
3. $multiplication[4] \times multiplication[5] =$
4. $multiplication[6] \times multiplication[7] =$
5. $multiplication[8] \times multiplication[9] \times multiplication[10] =$
6. $multiplication[11] \times multiplication[12] =$
7. $multiplication[13] \times multiplication[14] \times multiplication[15] =$
8. $multiplication[16] \times multiplication[17] \times multiplication[18] =$
9. $multiplication[19] \times multiplication[20] \times multiplication[21] =$
10. $multiplication[22] \times multiplication[23] =$

1.4 Division

1. $division[0] \div division[1] =$
2. $division[2] \div division[3] =$
3. $division[4] \div division[5] =$
4. $division[6] \div division[7] =$
5. $division[8] \div division[9] \div division[10] =$
6. $division[11] \div division[12] =$
7. $division[13] \div division[14] \div division[15] =$
8. $division[16] \div division[17] \div division[18] =$
9. $division[19] \div division[20] \div division[21] =$
10. $division[22] \div division[23] =$

2 Conversions

In this section we will practise converting number from one form to another.
Hint:

- Remember to simply when converting to fractions.

2.1 Rounding Decimals

1. $round_decimals[0]$ round to the nearest $round_decimals[1]$ =
2. $round_decimals[2]$ round to the nearest $round_decimals[3]$ =
3. $round_decimals[4]$ round to the nearest $round_decimals[5]$ =
4. $round_decimals[6]$ round to the nearest $round_decimals[7]$ =
5. $round_decimals[8]$ round to the nearest $round_decimals[9]$ =
6. $round_decimals[10]$ round to the nearest $round_decimals[11]$ =
7. $round_decimals[12]$ round to the nearest $round_decimals[13]$ =
8. $round_decimals[14]$ round to the nearest $round_decimals[15]$ =
9. $round_decimals[16]$ round to the nearest $round_decimals[17]$ =
10. $round_decimals[18]$ round to the nearest $round_decimals[19]$ =

2.2 Convert Decimals to Fractions

1. $decimal_to_frac[0]$ =
2. $decimal_to_frac[1]$ =
3. $decimal_to_frac[2]$ =
4. $decimal_to_frac[3]$ =
5. $decimal_to_frac[4]$ =
6. $decimal_to_frac[5]$ =
7. $decimal_to_frac[6]$ =
8. $decimal_to_frac[7]$ =
9. $decimal_to_frac[8]$ =
10. $decimal_to_frac[9]$ =

2.3 Convert Fractions to Decimals

1. $\frac{frac_to_decimal[0]}{frac_to_decimal[1]} =$
2. $\frac{frac_to_decimal[2]}{frac_to_decimal[3]} =$
3. $\frac{frac_to_decimal[4]}{frac_to_decimal[5]} =$
4. $\frac{frac_to_decimal[6]}{frac_to_decimal[7]} =$
5. $\frac{frac_to_decimal[8]}{frac_to_decimal[9]} =$
6. $\frac{frac_to_decimal[10]}{frac_to_decimal[11]} =$
7. $\frac{frac_to_decimal[12]}{frac_to_decimal[13]} =$
8. $\frac{frac_to_decimal[14]}{frac_to_decimal[15]} =$
9. $\frac{frac_to_decimal[16]}{frac_to_decimal[17]} =$
10. $\frac{frac_to_decimal[18]}{frac_to_decimal[19]} =$