Numeracy Evaluation with answers

Organic Trader Pty Ltd

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This evaluation is designed to give us an indication of your maths abilities. Please answer the following questions as best you can. If you don't understand something please ask.

Name: _____

Date: _____

1 No calculator to be used

Please answer the following questions without the use of a calculator. You may use the space provided for doing your calculations.

1. $32 + 12 =$ 44

2. $12 \times 8 =$ 96

3. 20% of 40 $=$ 8

4. $72 - 18 =$ 54

5. $32 \times 1.5 =$ 48

6. $\frac{1}{2} + \frac{1}{4} =$ $\frac{3}{4}$ or 0.75

7. $\frac{1}{2} \times \frac{1}{4} =$ $\frac{1}{8}$ or 0.125

8. Round the following numbers to two decimal places:

    (a) 12.3424 12.34

    (b) 42.6395 42.64

    (c) 633.77872 633.78

    (d) 0.5666256 0.57

    (e) 2.999 3.00

    (f) 5013.3333 5013.33

    (g) 3.114999 3.11

    (h) 17.10059 17.10

2 Calculator to be used

Please answer the following questions. You may use a calculator to help you answer the questions in this section.

1. $27284 + 36723 =$ 64007

2. $17.71 \times 12.45 =$ 220.4895

3. $272 - 89 =$ 183

4. $1027 \div 13 =$ 79

5. $137 + 55 \times 12 =$ 797

6. One of the products we sell, Pur Bubble Gum comes in '12 packs'. Those are then packed in larger cartons called a mastercase. There are fourteen 12 packs in a mastercase.

   A customer orders 432 packs of Pur Bubble Gum, how many master cases and 12 packs should we ship to them?

   Answer: 2 mastercases plus eight 12 packs

7. Another product comes as 12 units per carton.

   A customer orders 36 units. How many cartons should we ship to them?

   3 cartons

8. In Australia, GST is set at 10%. If a product is priced at $19.22 excluding GST, what is the price including GST?

   $21.142

9. RW Garcia make a range of gluten free crackers. One of their products comes in a carton of 6 units, with a unit price of $6.35. If we give the store an 18% discount, how much will a carton cost?

   Answer: $31.24

10. When processing orders it is vital that the details of the order are entered correctly. Please compare the order code and order quantities in columns A and B and highlight any errors you may find.

| Column A | | Column B | | |
Product Code	Qty	Product Code	Qty	Error
6002010	1	6020010	1	Error in Product Code
6003351	1	6003351	1	
6003401	1	6003401	1	
6003402	1	6003402	1	
6003405	2	6003405	2	
6004302	1	6004302	1	
6004341	1	6004314	1	Error in Product Code
6004361	1	6004361	1	
6004303	3	6004303	8	Error in Qty
6005422	1	6005422	1	
6008001	1	6008001	1	
6008005	1	6008005	1	
6008011	1	6008011	1	
6220002	1	6220002	1	
6302002	1	6302002	1	
6302005	1	6302005	1	
6303002	1	6303002	1	
6351306	1	6351306	1	
6591201	1	65912201	1	Error in Product Code
6591207	1	6591207	1	
6601006	1	6601006	1	
6901013	1	6901013	1	
6901014	1	6901014	1	
6901017	1	6901017	1	
6901021	2	6901021	2	
6901022	2	6901002	2	Error in Product Code
6901031	1	6901031	1	
6901032	1	6901032	1	
6901041	6	6901041	6	
6901042	5	6901042	5	
6901055	2	6901555	2	Error in Product Code
6901061	2	6901061	2	
6901063	1	6901063	1	
6901071	2	6901071	2	
6901079	1	6901079	1	
6902232	1	6902232	1	
6902233	1	6902233	1	
6902241	1	6902241	1	
6902242	1	6902242	1	
6902752	1	6902752	1	
6904007	1	6904007	1	
6911021	1	6911021	1	
6921001	1	6921001	1	
8451033	7	8451033	1	Error in Product Qty
8451034	7	8451034	7	
8451035	7	8451035	7	
8451036	6	8451836	6	Error in Product Code
8451205	4	8451205	4	