

Numeracy Evaluation

Organic Trader Pty Ltd

February 23, 2016

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. $32 + 12 =$

2. $12 \times 8 =$

3. 20% of 40 =

4. $72 - 18 =$

5. $32 \times 1.5 =$

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

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

8. Round the following numbers to two decimal places:

(a) 12.3424

(b) 42.6395

(c) 633.77872

(d) 0.5666256

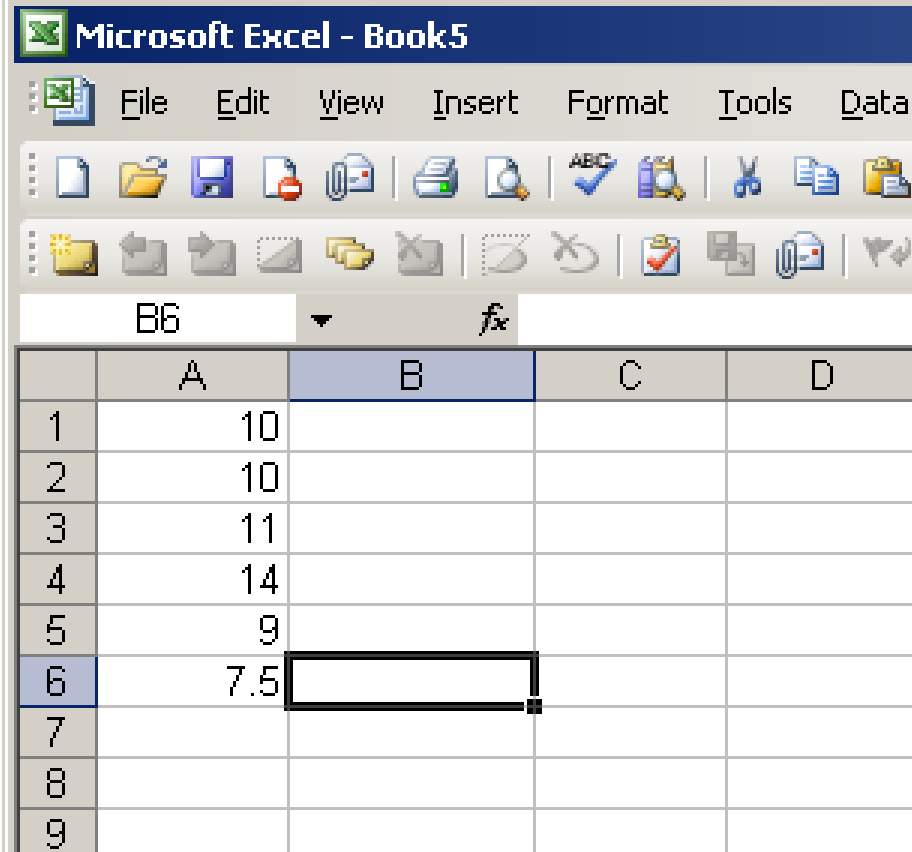
(e) 2.999

(f) 5013.3333

(g) 3.114999

(h) 17.10059

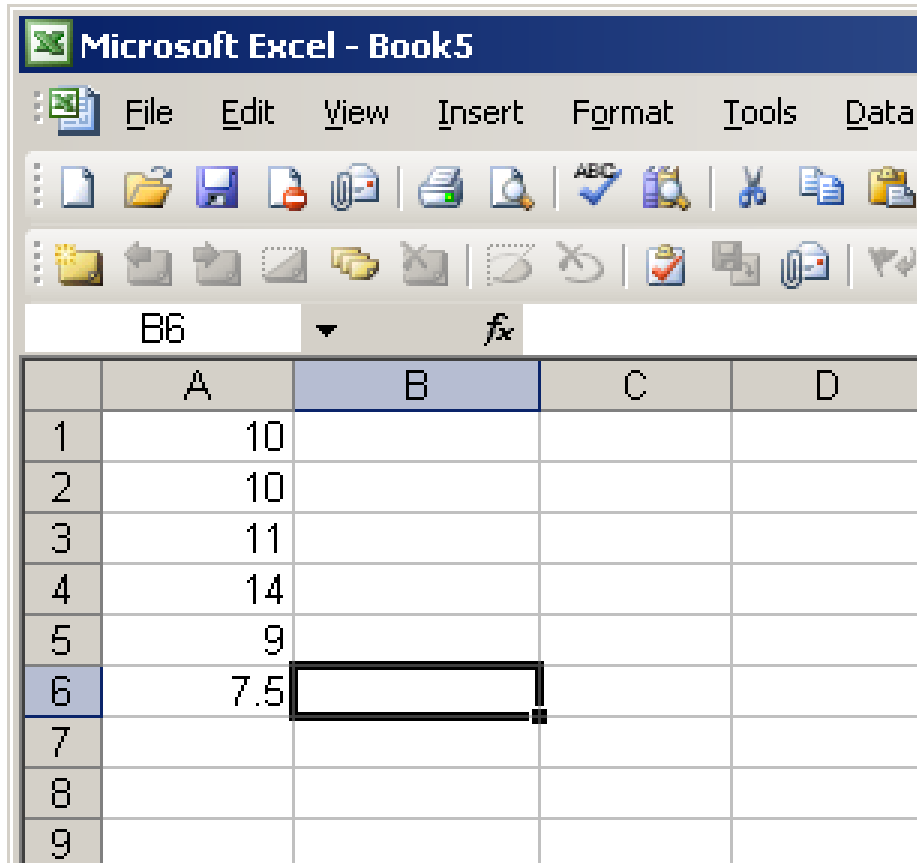
9. In Microsoft Excel, it is useful to be able to sum the numbers in a column. In cell A7, please write the formula to calculate the sum of all the numbers listed.



The screenshot shows the Microsoft Excel interface with the title bar 'Microsoft Excel - Book5'. The menu bar includes File, Edit, View, Insert, Format, Tools, and Data. The toolbar contains various icons for file operations, editing, and formatting. The spreadsheet has columns A, B, C, and D, and rows 1 through 9. Column A contains the values 10, 10, 11, 14, 9, 7.5, and empty cells for rows 7, 8, and 9. Cell B6 is selected, and a formula box is open, showing the formula =SUM(A1:A6) .

	A	B	C	D
1	10			
2	10			
3	11			
4	14			
5	9			
6	7.5			
7				
8				
9				

10. It is also sometimes useful to have a running total for a list of numbers. Please write the formulas in column B to calculate the running totals for the numbers listed.



The screenshot shows the Microsoft Excel interface with the title bar "Microsoft Excel - Book5". The menu bar includes File, Edit, View, Insert, Format, Tools, and Data. The toolbar contains various icons for file operations and editing. The spreadsheet has columns A, B, C, and D, and rows 1 through 9. Column A contains the values 10, 10, 11, 14, 9, 7.5, and empty cells for rows 7, 8, and 9. Column B is highlighted, and cell B6 is selected, showing a formula bar with a downward arrow and the formula icon. The formula bar is empty, indicating that a formula has not yet been entered for cell B6.

	A	B	C	D
1	10			
2	10			
3	11			
4	14			
5	9			
6	7.5			
7				
8				
9				

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. $27284 + 36723 =$

2. $17.71 \times 12.45 =$

3. $272 - 89 =$

4. $1027 \div 13 =$

5. $137 + 55 \times 12 =$

6. One of our products, Cocolo Dark Orange Chocolate comes in boxes of 25 bars called inners. Those inners are then packed into larger cartons called outers. There are 10 inners to the outer.

A customer orders 275 bars of chocolate. How many inners and outers will we ship to them?

7. Another product comes as 12 units per carton.

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

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

9. 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
6002010	1	6020010	1
6003351	1	6003351	1
6003401	1	6003401	1
6003402	1	6003402	1
6003405	2	6003405	2
6004302	1	6004302	1
6004341	1	6004314	1
6004361	1	6004361	1
6004303	3	6004303	8
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
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
6901031	1	6901031	1
6901032	1	6901032	1
6901041	6	6901041	6
6901042	5	6901042	5
6901055	2	6901555	2
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
8451034	7	8451034	7
8451035	7	8451035	7
8451036	6	8451836	6
8451205	4	8451205	4