

# Numeracy Evaluation 2 **with answers**

Organic Trader Pty Ltd

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This evaluation is designed to give us an indication of your maths abilities. Please read carefully and 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.  $37 + 14 =$  **51**

2.  $13 \times 7 =$  **91**

3. 20% of 80 = **16**

4.  $84 - 19 =$  **65**

5.  $44 \times 1.5 =$  **66**

6.  $\frac{1}{3} + \frac{1}{3} =$   **$\frac{2}{3}$**

7.  $\frac{1}{3} + \frac{2}{3} =$  **1**

8.  $\frac{1}{4} + \frac{1}{2} =$   **$\frac{3}{4}$**

9.  $\frac{1}{2} \times \frac{1}{4} =$   **$\frac{1}{8}$**

10.  $\frac{1}{4} \times \frac{1}{4} =$   **$\frac{1}{16}$**

11.  $\frac{1}{3} \times \frac{1}{2} =$   **$\frac{1}{6}$**

12. What is a half of a quarter?  **$\frac{1}{8}$**

13. What is a half plus a quarter?  **$\frac{3}{4}$**

14. Round the following numbers to two decimal places:

(a)  $51.3424 =$  **51.34**

(b)  $754.6395 =$  **754.64**

(c)  $633.77872 = 633.78$

(d)  $0.5666256 = 0.57$

(e)  $21.999 = 22.00$

(f)  $5013.3333 = 5013.33$

(g)  $3.114999 = 3.11$

(h)  $17.10059 = 17.10$

## 2 Calculator may 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.  $6283.87 \div 19 = 330.73$

5.  $2331 + 39 \times 17 = 2994$

6. One of the products we sell, Pur Peppermint 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 204 packs of Pur Peppermint Gum, how many mastercases and 12 packs should we ship to them?

Answer: 1 mastercase plus three 12 packs

7. In Australia, GST is set at 10%. If a product is priced at \$100.00 including GST, what is the price excluding GST?

Answer: \$90.91

8. Hidden Garden make a range of gluten free cookies. One of their products comes in a carton of 10 units, with a unit price of \$5.42. If we give the store a 15% discount, how much will a carton cost?

Answer: \$46.07