

## How is Your Numeracy?

All these questions are best done mentally. Don't use a calculator.

- 1  $69.9 \times 60.08$  is closest to:  
A 4000                      B 4200                      C 4400                      D 4600
  
- 2 The cost of 0.267 kilograms of cheese is \$7.95. Which calculation is needed to find the cost of one kilogram of cheese?  
A  $7.95 \div 0.267$     B  $0.267 \div 7.95$     C  $0.267 \times 7.95$     D  $7.95 - 0.267$
  
- 3  $79.8 \div 0.092$  is closest to:  
A 80                      B 800                      C 8000                      D 80 000
  
- 4 Which has the largest answer? (Don't do any calculations.)  
A  $218 \times 217$             B  $216 \times 218$             C  $217 \times 219$             D  $216 \times 217$
  
- 5 Which of these numbers is the largest?  
A  $\frac{99}{199}$                       B  $\frac{2311}{3999}$                       C 50.008%                      D 0.490998
  
- 6 The percentage profit of \$500 909 on sales of \$1 998 976 is nearest to:  
A 10%                      B 15%                      C 20%                      D 25%
  
- 7 304% of \$5002 is nearest to:  
A \$17 000                      B \$15 000                      C \$13 000                      D \$11 000
  
- 8 The share ratio for the two owners of a company, John and Miranda, is 2400 : 3600. The company's profit is \$199 089. John's share of the profit is nearest to:  
A \$80 000                      B \$100 000                      C \$120 000                      D \$140 000
  
- 9 4.94% of \$499 678.89 is nearest to  
A \$17 000                      B \$21 000                      C \$25 000                      D \$29 000
  
- 10 After a 25% discount on a TV the price paid is \$180 . What was the price of the TV before the discount?  
A \$200                      B \$225                      C \$240                      D \$260
  
- 11 The weight of a 2 litre bottle of milk is nearest to  
A 800 grams                      B 1200 grams                      C 1600 grams                      D 2000 grams
  
- 12 The area of a football field in hectares (ha) is nearest to

A  $\frac{1}{10}$  ha

B  $\frac{2}{3}$  ha

C 3 ha

D 7 ha

**Answers**

1 B 2 A 3 B 4 C 5 B 6 D 7 B 8 A 9 C 10 C  
(No - the answer is not B) 11 D 12 B

**How Did You Do?**

Take two marks off if you used pencil and paper for any question.

11 or 12 Pass. You are truly numerate.

7, 8, 9, or 10 Pass. Not too bad but some work needed.

4, 5, or 6 Fail. There are large holes in your understanding of number and measurement.

0, 1, 2, or 3 Fail. You were probably just guessing.