



Mental Computation

Year 8 Mathematics

End Term 3

Mental computation (End Term 3)

- 1 Spell discounted.
- 2 How many hours in 1 day?
- 3 Write in index form: $5 \times 5 \times 5$
- 4 Solve: $2x - 6 = 4$
- 5 Convert 24-hour time 1150 to 12-hour time.
- 6 What is the mean of: 2,2,2,4?
- 7 Add GST (10%) to \$20.
- 8 A taxi charges \$3 flagfall and \$4 per km. What is the function?
- 9 If the Sun covers 360° in 24 hours, how many degrees in 1 hour?
- 10 Simplify: $5^6 \div 5^3$

Sample 1

Mental computation (End Term 3)

- 1 Spell percentage.
- 2 How many hours in 2 days?
- 3 Write in index form: $2 \times 2 \times 2 \times 2 \times 2$
- 4 Solve: $3x - 5 = 7$
- 5 Convert 24-hour time 1530 to 12-hour time.
- 6 What is the mean of: 1,2,2,3?
- 7 Add GST (10%) to \$30.
- 8 A taxi charges \$3 flagfall and \$3.20 per km. What is the function?
- 9 If the Sun covers 360° in 24 hours, how many degrees in 2 hours?
- 10 Simplify: $3^5 \div 3^3$

Sample 2

Mental computation (End Term 3)

- 1 Spell equation.
- 2 How many hours in 3 days?
- 3 Write in index form: $3 \times 3 \times 3 \times 3$
- 4 Solve: $3x - 4 = 5$
- 5 Convert 24-hour time 1845 to 12-hour time.
- 6 What is the mean of: 1,3,5?
- 7 Add GST (10%) to \$40.
- 8 A phone call costs 25c flagfall and 92c per minute. What is the function?
- 9 If the Sun covers 360° in 24 hours, how many degrees in 3 hours?
- 10 Simplify: $x^5 \div x^2$

Sample 3