



# Mental Computation

## Year 7 Mathematics

End Term 4

### Mental computation (End Term 4)

- 1 Spell percentage.
- Given the data set: 2,2,3,3,5
- 2 What is the median?
- 3 What is the mean?
- 4 Translate P(2,3) 4 units to the right and 3 units up.
- 5  $25 \times 16$
- 6 What is 20% of 23.
- 7 Solve:  $3x + 5 = 17$
- 8  $8 + ^{-}5$
- 9 Write in index form:  $3 \times 3 \times 3 \times 3 \times 3$
- 10 Simplify:  $x^6 \times x^3$

Sample 1

### Mental computation (End Term 4)

- 1 Spell equation.
- Given the data set: 1,2,2,2,3
- 2 What is the median?
- 3 What is the mean?
- 4 Translate P(4,2) 3 units to the left and 3 units up.
- 5  $25 \times 18$
- 6 What is 20% of 32.
- 7 Solve:  $4x + 3 = 15$
- 8  $4 + ^{-}5$
- 9 Write in index form:  $2 \times 2 \times 2 \times 2$
- 10 Simplify:  $x^4 \times x^3$

Sample 2

### Mental computation (End Term 4)

- 1 Spell transformation.
- Given the data set: 1,2,2,2,3
- 2 What is the median?
- 3 What is the mode?
- 4 Translate P(3,5) 2 units to the right and 4 units down.
- 5  $25 \times 22$
- 6 What is 20% of 43.
- 7 Solve:  $5x + 2 = 17$
- 8  $1 + ^{-}4$
- 9 Write in index form:  $4 \times 4 \times 4 \times 4 \times 4$
- 10 Simplify:  $x^4 \times x^2$

Sample 3