



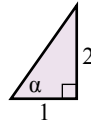
Mental Computation

Year 9 Mathematics

End Term 4

Mental computation (End Term 4)

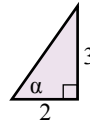
- 1 Spell algebra.
 - 2 What is a census?
 - 3 What is a sample?
 - 4 Why random sample?
 - 5 Expand: $3(x - 5)$
 - 6 Factorise: $4x + 6$
 - 7 In the triangle, what is $\tan\alpha$?
- Given the points A(1,2), B(3,4)
- 8 What is the gradient of AB?
 - 9 Write in scientific notation: 370 000
 - 10 25×9



Sample 1

Mental computation (End Term 4)

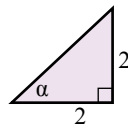
- 1 Spell coordinate.
 - 2 What is a census?
 - 3 What is a sample?
 - 4 Why random sample?
 - 5 Expand: $5(x - 3)$
 - 6 Factorise: $10x + 8$
 - 7 In the triangle, what is $\sin\alpha$?
- Given the points A(1,2), B(3,5)
- 8 What is the gradient of AB?
 - 9 Write in scientific notation: 0.000 073
 - 10 34×9



Sample 2

Mental computation (End Term 4)

- 1 Spell geometry.
 - 2 What is a census?
 - 3 What is a sample?
 - 4 Why random sample?
 - 5 Expand: $4(x - 2)$
 - 6 Factorise: $6x + 9$
 - 7 In the triangle, what is $\tan\alpha$?
- Given the points A(1,1), B(5,4)
- 8 What is the gradient of AB?
 - 9 Write in scientific notation: 840 000 000
 - 10 45×9



Sample 3