



# **ZIMBABWE SCHOOL EXAMINATIONS COUNCIL**

**General Certificate of Education Ordinary Level**

**MATHEMATICS**

**4004/2**

**PAPER 2**

**NOVEMBER 2018 SESSION**

**2 hours 30 minutes**

Candidates answer on the question paper

Additional materials:

Mathematical tables

Non programmable Electronic Calculator

Geometrical Instruments

Graph paper (if needed)

**Allow candidates 5 minutes to count pages before the examination.**

**This booklet should not be punched or stapled and pages should not be removed.**

**Time 2 hours 30 minutes**

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Answer all questions in Section A and any four from Section B.

Write your answers in the spaces provided on the question paper using black or blue pens.

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**B Lingard**



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column proof choose the reason for each statement from the list below given  $yx \perp wx$   $zx$  bisects  $yxw$  prove  $yz \perp wz$  statement  
 reason 1  $yx \perp wx$  1 2  $zx$  bisects  $yxw$  2 3  $\angle yxz = \angle wxz$  3 4  $\angle yxz = \angle wxz$  4 5  $\triangle yxz \cong \triangle wxz$  5 6