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| EGC_Black | Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_    **Eastern Goldfields College**  Essential Mathematics Unit 2 2015 Mental Skills Test 2  Time Allowed 10 Minutes - Total Marks: 15 marks 1 |
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| 1. Write 125% as a decimal. | 2. Find 5% of 360 | |
| 3. Increase $120 by 10%, then by 10% again. | 4. Divide 100 in the ratio 6:4 | |
| 5. Write the ratio 14 : 8 in its simplest form. | 6. What would be the simple interest on $1500, at a rate of 10%, over 2 years? | |
| 7. (10 - 5)2 x 2 = | 8. 6 + 2 x 3 = | |
| 9. Simplify the ratio 4 Days **:** 2 Weeks | 10. Express 15 as a decimal.  20 | |
| 11. Write 0.072 as a percentage | 12. What is 1 of $60?  ­­ 3 | |
| 13. Write 30% as a fraction. | 14. Decrease 500 by 15% | |
| 15. Approximately what is the upper quartile (Q3) of this boxplot? | |  |