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| Year 10 | | *Factorisation* | Non Calculator |
| **Skills and Knowledge Assessed:**   * Factorise algebraic expressions by taking out a common algebraic factor (ACMNA230) * Apply the four operations to simple algebraic fractions with numerical denominators (ACMNA232) * Expand binomial products and factorise monic quadratic expressions using a variety of strategies (ACMNA233) | | | Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Section 1Short Answer Section | | | |
| Write all working and answers in the spaces provided on this test paper. | | | |
|  | Factorise  ………………………………………………………………………………………………. | | |
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| Year 10 | | *Factorisation* | Calculator Allowed |
| Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Section 2Multiple Choice Section | | | |
| Mark all your answers on the accompanying multiple choice answer sheet, not on this test paper. You may do any working out on this test paper. Calculators are allowed for this section. | | | |
|  | Factorise  A.  B.  C.  D. | | |
|  | Factorise  A.  B.  C.  D. | | |
|  | Factorise  A.  B.  C.  D. | | |
|  | Factorise  A.  B.  C.  D. | | |
|  | Factorise  A.  B.  C.  D. | | |
|  | Factorise  A.  B.    C.  D. | | |
|  | Factorise  A.  B.    C.  D. | | |
|  | Factorise  A.  B.    C.  D. | | |
|  | Factorise  A.  B.    C.  D. | | |
|  | Factorise  A.  B.    C.  D. | | |
|  | Factorise  A.  B.    C.  D. | | |
|  | Factorise  A.  B.    C.  D. | | |
|  | Factorise  A.  B.    C.  D. | | |
|  | Factorise  A.  B.    C.  D. | | |
|  | Factorise  A.  B.    C.  D. | | |
|  | Factorise  A.  B.    C.  D. | | |

# Factorisation

# Multiple Choice Answer Sheet

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Completely fill the response oval representing the most correct answer.

1. A B C D

2. A B C D

3. A B C D

4. A B C D

5. A B C D

6. A B C D

7. A B C D

8. A B C D

9. A B C D

10. A B C D

11. A B C D

12. A B C D

13. A B C D

14. A B C D

15. A B C D

16. A B C D

*Factorisation*

# ANSWERS

|  |  |
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| Section 1 ( 1 mark each) | |
|  | Working and Answers |
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| Section 2 (1 mark each) | | |
|  | Working | Answers |
|  |  | B |
|  |  | C |
|  |  | A |
|  |  | D |
|  |  | C |
|  |  | A |
|  |  | D |
|  |  | B |
|  |  | C |
|  |  | D |
|  |  | A |
|  |  | C |
|  |  | A |
|  |  | B |
|  |  | B |
| 16. |  | D |

# Factorisation

# Multiple Choice Answer Sheet

Name \_\_\_ Marking Sheet

Completely fill the response oval representing the most correct answer.

1. A B C D

2. A B C D

3. A B C D

4. A B C D

5. A B C D

6. A B C D

7. A B C D

8. A B C D

9. A B C D

10. A B C D

11. A B C D

12. A B C D

13. A B C D

14. A B C D

15. A B C D

16. A B C D