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| Year  9 | | Linear Equations Practice Test | | Non Calculator |
| Short Answer Section | Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  | Write all working and answers in the spaces provided on this Practice Test paper. | | | |
| 1. | Solve .  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 2. | Solve .  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 3. | Solve .  ..........................................................................................................................................................  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 4. | Solve .  ..........................................................................................................................................................  .......................................................................................................................................................... | | | |
| 5. | Solve the equation  .  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 6. | Determine if  is a solution to the equation .  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 7. | Sketch the solution to ?  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |
| 8. | Using the formula  , find the value of  when  ,  and .  ..........................................................................................................................................................    .......................................................................................................................................................... | | | |

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| Year  9 | | Linear Equations Practice Test | | Calculator |
| Multiple Choice Section | Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
|  | Mark all your answers on the accompanying multiple choice answer sheet, not on this Practice Test paper. You may do any working out on this Practice Test paper. Calculators are allowed for this section. | | | |
| 1. | Solve for *e* :    A.  B.  C.  D. | | | |
| 2. | If  , and ,  and , what is the value of *s*?  A.  B.  C.  D. | | | |
| 3. | Which is the correct solution to the equation:    A.  B.  C.  D. | | | |
| 4. | The inequation  has solution  A.  ≥ -2 B.  ≤ -2 C.  ≥ 2 D.  ≤ 2 | | | |
| 5. | If   find  when  ,  and  A. *a =* -6 B. *a =* 6 C. *a =* 10 D. *a =* 15 | | | |
| 6. | Which line in the solution of an equation below, contains an error.       1. Line 1 B. Line 2 C. Line 3 D. Line 4 | | | |
| 7. | Which of the following is the solution to the equation       1. B.  C.  D. | | | |
| 8. | Find the solution to the equation     1. B.  C.  D. | | | |
| 9. | Which number line graph represents  ?  A.  1 4  B   1. 4   C.  4 7    D.  4 7 | | | |
| 10. | The solution to  is:  A.  B.  C.  D. | | | |

Linear Equations Practice Test

Multiple Choice Section

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