**Algebraic Fractions Revision**

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| Name : | Class : | Date : |

|  |  |  |
| --- | --- | --- |
| Mark : | /30 | % |

|  |  |
| --- | --- |
| **1)** Simplify the following       a)       b)       c) | [6] |
| d)       e)       f) |  |
| **2)** Express as a single fraction       a)       b)       c) | [4] |
| d) |  |
| **3)** Solve the following algebraic fraction       a)       b)       c) | [12] |
| d)       e)       f) |  |
| g)       h)       i) |  |
| j)       k)       l) |  |
| **4)** Solve the equation and leave your answer as a fraction or a decimal to 3 significant figures | [1] |
| **5)** Solve the equation       a)       b)       c) | [6] |
| d)       e)       f) |  |
| **6)** Solve the equation leaving your answer as a fraction or decimal to 3 significant figures | [1] |

**Solutions for the assessment Algebraic Fractions Revision**

|  |  |
| --- | --- |
| **1)**  a) | b) |
| c) | d) |
| e) | f) |
| **2)**  a) | b) |
| c) | d) |
| **3)**  a) 35 | b) 28 |
| c) 10 | d) -27 |
| e) 32 | f) 18 |
| g) 36 | h) 18 |
| i) 10 | j) -21 |
| k) 8 | l) 8 |
| **4)** |  |
| **5)**  a) -5 | b) -13 |
| c)   or | d)   or |
| e)   or | f)   or |
| **6)** 8/7 or 1.14 |  |