#.1

|  |  |
| --- | --- |
| 300 | 1940 |
| 301 | 5941 |
| 302 | 2941 |

#STEP 1

MEMORY

CPU

|  |  |
| --- | --- |
| 300 | PC |
|  | Ac |
| 1940 | IR |

|  |  |
| --- | --- |
| 940 | 0003 |
| 941 | 0002 |

#STEP 2

MEMORY CPU

|  |  |
| --- | --- |
| 300 | 1940 |
| 301 | 5941 |
| 302 | 2941 |

|  |  |
| --- | --- |
| 301 | PC |
| 0003 | AC |
| 1940 | IR |

|  |  |
| --- | --- |
| 940 | 0003 |
| 941 | 0002 |

#STEP 3

|  |  |
| --- | --- |
| 300 | 1940 |
| 301 | 5941 |
| 302 | 2941 |

|  |  |
| --- | --- |
| 301 | PC |
| 0003 | AC |
| 5941 | IR |

|  |  |
| --- | --- |
| 940 | 0003 |
| 941 | 0002 |

MEMORY CPU

#STEP 4

MEMORY CPU

|  |  |
| --- | --- |
| 3OO | 1940 |
| 301 | 5941 |
| 302 | 2941 |

|  |  |
| --- | --- |
| 302 | PC |
| 0005 | AC |
| 5941 | IR |

3+2=5

|  |  |
| --- | --- |
| 940 | 0003 |
| 941 | 0002 |

#STEP 5

|  |  |
| --- | --- |
| 300 | 1940 |
| 301 | 5941 |
| 302 | 2941 |

|  |  |
| --- | --- |
| 302 | PC |
| 0005 | AC |
| 2941 | IR |

|  |  |
| --- | --- |
| 940 | 0003 |
| 941 | 0002 |

MEMORY CPU

#STEP 6

MEMORY CPU

|  |  |
| --- | --- |
| 300 | 1940 |
| 301 | 5941 |
| 302 | 2941 |

|  |  |
| --- | --- |
| 303 | PC |
| 0005 | AC |
| 2941 | IR |

|  |  |
| --- | --- |
| 940 | 0003 |
| 941 | 0005 |

# .2

#STEP 1

|  |  |
| --- | --- |
| 300 | 155O |
| 301 | 5551 |
| 302 | 2600 |

|  |  |
| --- | --- |
| 300 | PC |
|  | AC |
| 1550 | IR |

MEMORY CPU

|  |  |
| --- | --- |
| 550 | 0003 |
| 551 | 0004 |
| 600 |  |

#STEP 2

|  |  |
| --- | --- |
| 300 | 1550 |
| 301 | 5551 |
| 302 | 2600 |

|  |  |
| --- | --- |
| 301 | PC |
| 0003 | AC |
| 1550 | IR |

|  |  |
| --- | --- |
| 550 | 0003 |
| 551 | 0004 |
| 600 |  |

MEMORY CPU

#STEP 3

MEMORY CPU

|  |  |
| --- | --- |
| 3OO | 1550 |
| 301 | 5551 |
| 302 | 2600 |

|  |  |
| --- | --- |
| 301 | PC |
| 0003 | AC |
| 5551 | IR |

|  |  |
| --- | --- |
| 550 | 0003 |
| 551 | 0004 |
| 600 |  |

#STEP 4

MEMORY CPU

|  |  |
| --- | --- |
| 300 | 1550 |
| 301 | 5551 |
| 302 | 2600 |

|  |  |
| --- | --- |
| 302 | PC |
| 0007 | AC |
| 5551 | IR |

|  |  |
| --- | --- |
| 550 | 0003 |
| 551 | 0004 |
| 600 |  |

3+4=7

#STEP 5

|  |  |
| --- | --- |
| 300 | 1550 |
| 301 | 5551 |
| 302 | 2600 |

|  |  |
| --- | --- |
| 302 | PC |
| 0007 | AC |
| 2600 | IR |

MEMORY CPU

|  |  |
| --- | --- |
| 550 | 0003 |
| 551 | 0004 |
| 600 |  |

#STEP 6

MEMORY CPU

|  |  |
| --- | --- |
| 300 | 1550 |
| 301 | 551 |
| 302 | 2600 |

|  |  |
| --- | --- |
| 303 | PC |
| 0007 | AC |
| 2600 | IR |

|  |  |
| --- | --- |
| 550 | 0003 |
| 551 | 0004 |
| 600 | 0007 |