Convert the following from prefix to postfix notation, and solve them:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Prefix Notation | Postfix Notation | Solution |
| 1 | 3 + 4 | 3 4 + | 7 |
| 2 | 8 x 9 | 8 9 x | 72 |
| 3 | (6 - 4) x 3 | 6 4 - 3 x | 6 |
| 4 | 5 + ((1 + 2) × 4) − 3 | 5 1 2 + 4 × + 3 − | 14 |
| 5 | (162 / (2 + 1 )) + 4 | 162 2 1 + / 4 + | 58 |

Solve the following postfix notation problems:

|  |  |  |
| --- | --- | --- |
|  | Postfix Notation | Solution |
| 1 | 3 11 + | 14 |
| 2 | 3 11 + 5 - | 9 |
| 3 | 18 2 - 4 / | 4 |
| 4 | 2 3 11 + 5 - x | 18 |
| 5 | 2 1 12 3 / - + | -1 |