|  |  |  |  |
| --- | --- | --- | --- |
| **7.6 Multiplying a Polynomial by a Monomial** | | | |
| **Find each product.** | | | |
| 1) | 2) | 3) | 4) |
| 5) | 6) | 7) | 8) |
| **Simplify** | | | |
| 9) | 10) | 11) | 12) |
| 13) | | 14) | |
| **Solve.** | |  | |
| 15) | | 16) | |
| 17) | | 18) | |

|  |  |  |  |
| --- | --- | --- | --- |
| **7.7 Multiplying a Polynomial by a Polynomial** | | | |
| **Find each product.** | | | |
| 1) | 2) | 3) | 4) |
| 5) | 6) | 7) | 8) |
| 9) | | 10) | |
| 11) | | 12) | |
| 13) | | 14) | |
| 15) The length of a rectangle is represented by the expression . The width of the rectangle is represented by the expression . | | | |
| a) Find an expression for the area of the rectangle. | | b) Find the total area of the rectangle and triangle if x = 3 | |