**Sometimes True, Always True, Never True**

|  |
| --- |
| * Max gets a pay raise of 30%.  Jim gets a pay raise of 25%.  So Max gets the bigger pay raise.
 |
| * “Difference” means you should subtract.
 |
| * When you add two numbers, you get the same result as when you multiply them.
 |
| * In a sale, the price of a jacket was reduced by 25%.  After the sale, the price of the jacket was increased by 25%.  So the prices went back to where they started.
 |
| * If you divide the top and bottom of a fraction by the same number, the fraction gets smaller in value.
 |
| * If you multiply a number by 12, you get a number greater than 12.
 |
| * 2(x+3) = 2x+3
 |
| * (a + b)2 = a2 + b2
 |
| * p is greater than -p
 |
| * The square of a number is greater than the number.
 |
| * Subtraction and division make numbers smaller.
 |
| * A 20% discount is better than $20 off.
 |
| * If two rectangles have the same perimeter, they have the same area.
 |

**Sometimes True**

**(include examples and counter examples for each statement)**

**Always True**

**Never True**

**(include counter examples for each statement)**