Sometimes, Always, Never – Algebra - Answers

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| **ALWAYS**  The numbers go up by 3 each time. | **NEVER**  One bigger than *n* is *n + 1*.  We don’t worry about alphabetical order in algebra. | **ALWAYS** |
| **SOMETIMES**  Sometimes they go up, sometimes they go down. | **NEVER**  The area is *l x w* (or just *lw*). | **NEVER**  However it will give you the right answer if the number is 4. The inverse operation to squaring is square rooting. |
| **SOMETIMES**  This is true for a LINEAR sequence, but not for other sequences, e.g. doubling or squaring. | **ALWAYS** | **NEVER**  Squaring a number is multiplying the number by itself. The two operations will however give the same answer if the number is 2. |
| **SOMETIMES**  Yes if the letter is in an equation or an expression. | **ALWAYS**  If *x = 3*, then *3x = 9,* and  *3x – 1 = 8.* | **ALWAYS** |
| **ALWAYS**  Division is the inverse of multiplication. | **NEVER**  You must first subtract 7, then divide by 3. | **NEVER**  The solution is *y = 90*. |