**Algebra I A section 1 clipboard**

1. **Linear equation –** a mathematical sentence stating that two expressions are equal
2. **Variable –** a letter, symbol or placeholder that represents a number
3. **Coefficient –** the number part of an term; 7xy3 the coefficient is the 7
4. **Term –** a number, variable, product, or quotient in an expression of sums and differences; 5x + 7y – 8z; 7y is a term
5. **Like terms** – Two or more terms in an algebraic expression that have the same variable base and exponent
6. **Consecutive Integers** – Any integers in counting, or successive, order
7. **Consecutive Even Integers** – Any even integers in counting, or successive, order
8. **Addition Property of Equality** – If a = b, then a + c = b + c
9. **Subtraction Property of Equality** – If a = b, then a – c = b – c
10. **Multiplication Property of Equality** – If a = b, then ca = cb
11. **Division Property of Equality** – If a = b and c cannot equal zero, then a/c = b/c
12. **Reflexive Property** – a = a
13. **Symmetric Property** – If a = b, then b = a
14. **Transitive Property** – If a = b and b = c, then a = c
15. **Substitution Property** – If a = b, then a may replace b or b may replace a in any statement
16. **Formula** – A literal equation that expresses a relationship between two or more variables