1. **I can state the coefficient and variable part of a term.**

2. **I can classify a monomial, binomial and trinomial.**

3. **I can state the constant term of a polynomial.**

4. **I can add and subtract like terms.**

5. **I can multiply a monomial by a polynomial.**

6. **I can expand and simplify algebraic expressions.**

7. **I can multiply monomials with monomials.**

8. **I can solve one step equations.**

9. **I can solve two step equations.**

10. **I can solve equations with variables on both sides.**

11. **I can solve equations with brackets.**

12. **I can find missing sides of a right triangle using the Pythagorean Theorem.**

13. **I can substitute into a formula and solve for the unknown variable.**

KNOWLEDGE & SKILLS

Coefficient is the number in front of the term. The Variable Part is everything else.
Monomial is 1 term. Binomial has 2 terms. Trinomial has 3 terms.
A Constant Term is the term with no variables in it. It is just a number.
Like Terms have the exact same variable part
You can only add/subtract Like Terms.
4(x + 7) = 4(x) + 4(7)
$w^4 \times w^7 = w^{4+7}$
When multiply 2 monomials, multiply numbers with numbers and powers with powers.
Add and Subtract are Opposite Operations. Multiply and Divide are Opposite Operations.
Squaring and Square Root are Opposite Operations.
An Equation is like A Balance, whatever you do to one side, you have to do to the other.
To Solve an Equation means to get the variable by itself on one side of the equal sign.
The Pythagorean Theorem - $hypotenuse^2 = a^2 + b^2$