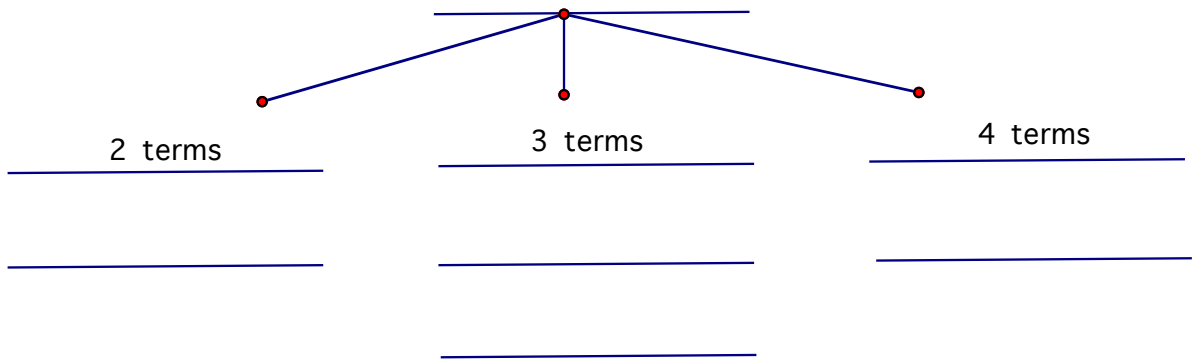


Fill in the flow chart below. It is THE GUIDE to factoring ANY Algebra 1 expression.

**Level 1**

**Level 2**



Now, Use your guide to factor each of the expressions below.

1.  $30ab^2 - 100a^2b^3$

2.  $w^2 - 81$

3.  $x^2 - 9x - 22$

4.  $2m^2 - 12m + 54$

5.  $3k^2 - 11k - 20$

4.  $2x^3 + x^2 + 2x + 1$

7.  $2x^2 - 5x + 2$

8.  $x^2 + 8x - 9$

9.  $4w^2 - 49$

10.  $w^2 - 100$

11.  $5x^2y - 35xy$

12.  $3k^3 + 12k^2 - 36k$

13.  $2w^3 - 3w^2 + 4w - 6$

14.  $2m^2 - m - 3$

\*15.  $x^4 + 4x^2 + 3$

16.  $12x^3 - 3x$

17.  $5x^3 + 30x^2 + 45x$

\*18.  $8y^4 - 8$