Step 1: UNDERSTAND EQUALITY

Are the following equal? (answer Yes or No)

$7 + 16$ ☐ $8 + 24$

fifty three ☐ $60 - 7$

$3 \times a$ ☐ $a + a + a$

$a \times b$ ☐ $a + b$

Step 2: FACT FAMILIES

7321	
2751	4570

?	
a a a a a a a	18

What fact families can you find from above?

What is ?

What facts can you gather from this?

Step 3: ONE STEP EQUATIONS

Solve the following:

$x + 2 = 7$ $7x = 49$

$x - 7 = -8$ $\dfrac{x}{3} = 35$

Step 4: LIKE AND UNLIKE TERMS

Collect the following like terms:

1) $a + a + 3a - 2a + 7a$

2) $a + b + 3a - 7b + 7a$

3) $x + x^2 + x + 5x + 7x^2$

4) $a + b^2 + 6b^2 - 8b^2 + 7a - 10a + a^2$