Name_____ Date_____

EQUAL SETS

Equal sets have **exactly the same members.**

The following are equal sets:

1) A = { } B = { }

2) C = {2,4,6,8} D = {4,6,8,2}

3) E = {shoe, hat, shirt} F = {shirt, hat, shoe}

*Notice that the order of the elements does **NOT** matter.
C and D; and E and F are still equal sets.

4) G = {m,a,t,e} H = {t,e,a,m} G and H are **equal sets.**

5) I = {m,a,t,e} J = {team} I and J are **not** equal because I is the set of the letters "m,a,t,e" while J is the set of the word "team".

6) K = { m,a,t,e } L = { mate } K and L are **not** equal because K is the set of the letters "m,a,t,e" while L is the set of the word "mate".

7) M = { table, cloth } N = { tablecloth} M and N are **not** equal because… N is the set of the words _____ and_____ while M is the set of the word _____.

Ex. 1 Select the correct answer from the brackets.

1) X = {a, b, c, d } Y = { d, a, b, c } X and Y are (equal / not equal) sets.
2) P = { dog, fish } Q = { fish, dog } P and Q are (equal / not equal) sets.
3) R = {red, blue } S = {pink, gold} R and S are (equal / not equal) sets.