1) S = {a, b, c, d, e, f, b, g}

What is wrong with this set?

_____

2) Is **{a, b, c}** the same set as **{b, a, c}?**

YES   NO

3) If B is the subset of A, then A is the

_____ of B.

4) If A = {1, 2, 4, 8, 16, 32, 64} and B = {1, 2, 5, 8}, is B a subset of A?

YES   NO

5) Sets cannot have other sets as members.

TRUE   FALSE

6) A = {1, 2, 3, 4, 5, 6, 7, 8, 9, 10}

Write the subset B such that B contains all the elements of A that are even numbers.

7) If **A = {{a, b}, c, {d, e}, {f, g, h}}**, what is **|A|**?

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8) If **A = {2, 3, 5, 7, 11}** and the subset **B = {3, 7, 11}**, what is the ratio of **|B|** to **|A|**?

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9) Which of these statements says "R is a subset of S"?

R ⊂ S   **S ⊂ R**

10) Is **{a, b, {c}, d}** the same as **{{a}, b, {c}, d}**?

YES   **NO**