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1.   .   .
2.   .
                                                          .
3.   .
4.   .
5.   ,   ,
        .

1.   .
2.   .
3.   .
4.   .
5.   .
6.   :

    $A \subset B$, $B \subseteq C$ $C \subset D$, $A \subseteq D$?
7. $A \cup B = A \cup (B \setminus A)$.
8. A, B, C D :
$A \subset B$, $B \subseteq C$ $C \subset D$, $A \subseteq D$?   .
9.   ?
                              A\B = A∪(A∩B);
10.   : A∪(B\A) = A∪B
11.   ?   ,   ?
    a) A = {2, 5, 4};   B = {5, 4, 2};
    b) A = {1, 2, 4, 2};   B = {1, 2, 4};
    c) A = {2, 4, 5 };   B = {2, 4, 3};
    d) A = {1, { 2, 5}, 6};   B = {1, {5, 2}, 6};
    e) A = {1, {2, 5}, 6};   B = {1, 2, 5, 6}.
12.   A, B,   C:
    a) A = {1, 2, 3};
    b) B = {1, 2, {1, 2}};
    c) C = {{1, 2}, 3, 1}.
13.   , $A = \{1, 2, a, b, 135, ab\}$.
14.   ,   ,
        :
)   ∈ {2, a, x };
) 3 ∈ {1, {2, 3}, 4};

) $\in \{1, \sin\ \}$;

) $\{x, y\} \in \{a, \{x, y\}, b\}$;

) $\{1, 2\} \in \{\{1, 2, 3\}, \{1, 2\}, 1, 2\}$.

15. $\subset$ $\subseteq$?

a) A = {a, b, d};   B = {a, b, c, d};

b) A = {a, b, c, d, e};   B = {a, e, c};

c) A = {c, d, e};   B = {a, c};

d) A = {a, {b, c}, d, e};   B = {a, b, c, d};

e) A = {{a, b, c, d}};   B = {a, b, c, d}.