

1. A ____ is any well-defined collection of objects.

Set

2. The ____ of two sets X and Y is denoted by $X - Y$.

Difference

3. If two sets R and S have no element in common, then R and S are called ____ sets.

Disjoint

4. The set $\{1, 3, \dots, 199\}$ is a ____ set.

Finite

5. Given that $B = \{5, 6, 7, 8\}$ and $C = \{7, 5, 8, 6\}$ then B and C are ____ sets.

Equal

6. A set D of people in the world who are older than 300 years is a/an ____ set.

Empty

7. If $E = \{2, 4, 6\}$ and $F = \{6, 5, 4, 3, 2\}$ then E is a ____ of F.

Subset

8. A set consisting of all even number is a ____ set.

Finite

9. Given that $V = \{1, 3, 4, 2\}$ and $W = \{6, 4, 7, 2\}$ then $V \cap W$ is

$\{2, 4\}$

10. If $A = \{1, 2, 3\}$, what is the number of subsets of A?

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