Question 1 (1 Mark)

Let $A = \{1, 2, 3\}$ and $B = \{4, 5\}$. Find $A \times B$.

Solution

$A \times B = \{(1,4), (1,5), (2,4), (2,5), (3,4), (3,5)\}$

Question 2 (1 Mark)

If $A = \{a, b\}$, write $A \times A \times A$.

Solution

$A \times A \times A = \{(a,a,a), (a,a,b), (a,b,a), (a,b,b), (b,a,a), (b,a,b), (b,b,a), (b,b,b)\}$

Question 3 (1 Mark)

If $A \times B$ has 6 elements and $A = \{1, 2\}$, find B.

Solution

$n(A \times B) = n(A) \times n(B) = 6$

$2 \times n(B) = 6 \Rightarrow n(B) = 3$

$B = \{3, 4, 5\}$ (or any 3-element set)

Question 4 (1 Mark)

If $A \times B = \{(a,1), (a,2), (b,1), (b,2)\}$, find A and B.

Solution

$A = \{a, b\}$, $B = \{1, 2\}$

Question 5 (1 Mark)

If $n(A) = 3$ and $n(B) = 2$, find $n(A \times B)$.

Solution

$n(A \times B) = 3 \times 2 = 6$

Question 6 (1 Mark)

If $A = \{1, 2\}$, find $A \times A$.

Solution

$A \times A = \{(1,1), (1,2), (2,1), (2,2)\}$

Question 7 (1 Mark)

If $A \times B = \{(1,3), (1,4), (2,3), (2,4)\}$, find A and B.

Solution

$A = \{1, 2\}$, $B = \{3, 4\}$

Question 8 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 9 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 10 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 11 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 12 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 13 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 14 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 15 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 16 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 17 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 18 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 19 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 20 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 21 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 22 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 23 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 24 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 25 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 26 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 27 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 28 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 29 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 30 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 31 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 32 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 33 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 34 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 35 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 36 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 37 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 38 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 39 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 40 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 41 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 42 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 43 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 44 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 45 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 46 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 47 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 48 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 49 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 50 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 51 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 52 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 53 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 54 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 55 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 56 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 57 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 58 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 59 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 60 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 61 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 62 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 63 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 64 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 65 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 66 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 67 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 68 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 69 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 70 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 71 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 72 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 73 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 74 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 75 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 76 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 77 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 78 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 79 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 80 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 81 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 82 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 83 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 84 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 85 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 86 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 87 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 88 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 89 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 90 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 91 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 92 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 93 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 94 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 95 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 96 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 97 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 98 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 99 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 100 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 101 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 102 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 103 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 104 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 105 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 106 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 107 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 108 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 109 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 110 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 111 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 112 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 113 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 114 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 115 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 116 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 117 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 118 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 119 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 120 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 121 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 122 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 123 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 124 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 125 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 126 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 127 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 128 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 129 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 130 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 131 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 132 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 133 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 134 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 135 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 136 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 137 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 138 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 139 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 140 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 141 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 142 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 143 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 144 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 145 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 146 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 147 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 148 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 149 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 150 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 151 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 152 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 153 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 154 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 155 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 156 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 157 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 158 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 159 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 160 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 161 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 162 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 163 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 164 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 165 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 166 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 167 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 168 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 169 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 170 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 171 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 172 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 173 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 174 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 175 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 176 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 177 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 178 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 179 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 180 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 181 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 182 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 183 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 184 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 185 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 186 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 187 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 188 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 189 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 190 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 191 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 192 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 193 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cap B$.

Solution

$A \cap B = \{3\}$

Question 194 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \cup B$.

Solution

$A \cup B = \{1, 2, 3, 4\}$

Question 195 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A - B$.

Solution

$A - B = \{1, 2\}$

Question 196 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $B - A$.

Solution

$B - A = \{4\}$

Question 197 (1 Mark)

If $A = \{1, 2, 3\}$ and $B = \{3, 4\}$, find $A \triangle B$.

Solution

$A \triangle B = (A - B) \cup (B - A) = \{1, 2, 4\}$

Question 198 (1 Mark)

If $A = \{1, 2,