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| Nombre del Maestro(a): Yohani Valdez | Calificación: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | |
|  | |  |  |  |
| Nombre de Alumno(a): Victor Manuel Galvan Covarrubias | |  | Fecha: | 28/10/20 |

1. **Realizar los siguientes diagramas de Venn**

**Unión**

B

A

A = {1,2,3,5,6}

B= {2,3,4,8,9,10}

2

3

4

8

9

10

1

5

6

AUB= {1,2,3,4,5,6,8,9,10}

**Unión**

B

A

A = {12,13,15,16}

1

2

3

4

5

6

B= {1,2,3,4,5}

12

13

14

15

16

AUB= {1,2,3,4,5,12,13,15,16}

**Intersección**

A = {3,6,12,15,21}

B

A

B= {1,2,3,4,5,6}

AnB= {3,6}

3

6

1

2

4

5

12

15

21

**Intersección**

A = {1,2,3}

B

A

B= {5,10,15}

| AnB= {}

5

10

15

1

2

3

**Intersección**

A

A = {0,2,4,,8,10}

B

B= {1,2,3,4,5,6,7,8,9}

C= {1,2,3,4,5,6,7,8,11}

0

10

9

| AnBnC= {2,4,8}

8

4

2

1 3

5 6

7 8

11

C

**Diferencia**

A = {7,8,9}

B

A

B= {9,10,11,12}

A-B= {7,8,9}

9

10

11

12

7

8

9

B-A= {9,10,11,12}

**Diferencia**

A = {6,12,24,30}

B

A

B= {3,6,9,12}

A-B= {24,30}

6

12

3

9

24

30

B-A= {3,9}

**Diferencia**

A = {1,2,3,4}

B

A

B= {5,6,7,8}

| A-B= {1,2,3,4}

5

6

7

8

1

2

3

4

B-A= {5,6,7,8}

**Complemento**

U= 2,4,6,8,10,12,14,15,16,18,20

A = {2,6,10,14,15,18}

A

A’ = {4,8,12,16,20}

2 6 10

14 15 18

4 8 12 16 20

**Complemento**

U=,1,2,3,4,5,6,7,8,9,10

B

A

A = {1,2,3,4}

B= {2,3,5,6}

2

3

5

6

AUB’= {7,8,9,10}

1

7 8 9 10

**Parte 2, Realizar un diagrama de Venn de cada uno ustedes solos.**

**Unión**

A

B

A = {500,501,502,503,504}

B= {2,22,222,2222,22222}

2

22

222

2222

22222

500

501

502

503

504

AUB= {500,501,502,503,504,2,22,222,2222,22222}

**Intersección**

A

X

A = {20,21,22,23,24,25}

X= {19,21,23,26,27} AnX={21,23}

19

26

27

2

22

222

2222

22222

500

501

502

503

504

20

22

24

25

21

23

**Diferencia**

A

B

A = {1,2,3,10,11,12}

B= {0,3,11,13} A-B={1,2,10,12}

0

13

1

2

10

12

19

26

27

2

22

222

2222

22222

500

501

502

503

504

20

22

24

25

}

21

23

3

11

**Complemento**

U= 30,40,50,60,70,80,90,100

Z = {10,20,30,40,50}

Z

Z’ = {4,8,12,16,20}

10 20

30 40

50

60 70 80 90 100