Venn Diagrams: Counting with Two Sets · 1

In a Venn diagram, 4 people only read books, 9 only watch movies, 3 do both, and 2 do neither. How many people are there in all?

Venn Diagrams: Counting with Two Sets · 2

2 students only take art and 2 students take art and also take music. How many students take art in all?

Venn Diagrams: Counting with Two Sets · 3

20 people like apples. 10 of them also like bananas. How many people like apples but do not like bananas?

Venn Diagrams: Counting with Two Sets · 4

In a Venn diagram, 5 people only like apples, 2 only like bananas, 2 do both, and 8 do neither. How many people are there in all?

Venn Diagrams: Counting with Two Sets · 5

2 students only take art and 10 students take art and also take music. How many students take art in all?

Venn Diagrams: Counting with Two Sets · 6

16 students play soccer. 6 of them also play basketball. How many students play soccer but do not play basketball?

Venn Diagrams: Counting with Two Sets · 7

In a Venn diagram, 6 students only play soccer, 10 only play basketball, 4 do both, and 9 do neither. How many students are there in all?

Venn Diagrams: Counting with Two Sets · 8

7 students only play soccer and 9 students play soccer and also play basketball. How many students play soccer in all?

Venn Diagrams: Counting with Two Sets · 2

ANSWER

4

Venn Diagrams: Counting with Two Sets · 1

ANSWER

18

Venn Diagrams: Counting with Two Sets · 4

ANSWER

17

Venn Diagrams: Counting with Two Sets · 3

ANSWER

10

Venn Diagrams: Counting with Two Sets · 6

ANSWER

10

Venn Diagrams: Counting with Two Sets · 5

ANSWER

12

Venn Diagrams: Counting with Two Sets · 8

ANSWER

16

Venn Diagrams: Counting with Two Sets · 7

ANSWER

29

Venn Diagrams: Counting with Two Sets · 9

In a Venn diagram, 4 people only like apples, 3 only like bananas, 2 do both, and 7 do neither. How many people are there in all?

Venn Diagrams: Counting with Two Sets · 10

6 students only have a dog and 3 students have a dog and also have a cat. How many students have a dog in all?

Venn Diagrams: Counting with Two Sets · 11

13 people like apples. 5 of them also like bananas. How many people like apples but do not like bananas?

Venn Diagrams: Counting with Two Sets · 12

In a Venn diagram, 3 people only like apples, 4 only like bananas, 9 do both, and 2 do neither. How many people are there in all?

Venn Diagrams: Counting with Two Sets · 13

4 people only like apples and 2 people like apples and also like bananas. How many people like apples in all?

Venn Diagrams: Counting with Two Sets · 14

12 students play soccer. 9 of them also play basketball. How many students play soccer but do not play basketball?

Venn Diagrams: Counting with Two Sets · 15

In a Venn diagram, 9 people only like apples, 8 only like bananas, 3 do both, and 8 do neither. How many people are there in all?

Venn Diagrams: Counting with Two Sets · 16

6 children only like swimming and 5 children like swimming and also like biking. How many children like swimming in all?

Venn Diagrams: Counting with Two Sets · 10

ANSWER

9

Venn Diagrams: Counting with Two Sets · 9

ANSWER

16

Venn Diagrams: Counting with Two Sets · 12

ANSWER

18

Venn Diagrams: Counting with Two Sets · 11

ANSWER

8

Venn Diagrams: Counting with Two Sets · 14

ANSWER

3

Venn Diagrams: Counting with Two Sets · 13

ANSWER

6

Venn Diagrams: Counting with Two Sets · 16

ANSWER

11

Venn Diagrams: Counting with Two Sets · 15

ANSWER

28

Venn Diagrams: Counting with Two Sets · 17

17 people like apples. 8 of them also like bananas. How many people like apples but do not like bananas?

Venn Diagrams: Counting with Two Sets · 18

14 students play basketball. 6 of them also play soccer. How many students play basketball but do not play soccer?

Venn Diagrams: Counting with Two Sets · 19

14 students play soccer and 12 students play basketball. 9 students do both. How many students do at least one of the two?

Venn Diagrams: Counting with Two Sets · 20

Of 24 people, 10 read books, 12 watch movies, and 4 do both. How many people do neither?

Venn Diagrams: Counting with Two Sets · 21

12 students play soccer. 8 of them also play basketball. How many students play soccer but do not play basketball?

Venn Diagrams: Counting with Two Sets · 22

13 students take music. 7 of them also take art. How many students take music but do not take art?

Venn Diagrams: Counting with Two Sets · 23

16 students play soccer and 14 students play basketball. 7 students do both. How many students do at least one of the two?

Venn Diagrams: Counting with Two Sets · 24

Of 17 students, 6 take art, 7 take music, and 4 do both. How many students do neither?

Venn Diagrams: Counting with Two Sets · 18

ANSWER

8

Venn Diagrams: Counting with Two Sets · 17

ANSWER

9

Venn Diagrams: Counting with Two Sets · 20

ANSWER

6

Venn Diagrams: Counting with Two Sets · 19

ANSWER

17

Venn Diagrams: Counting with Two Sets · 22

ANSWER

6

Venn Diagrams: Counting with Two Sets · 21

ANSWER

4

Venn Diagrams: Counting with Two Sets · 24

ANSWER

8

Venn Diagrams: Counting with Two Sets · 23

ANSWER

23