Venn Diagrams: Counting with Two Sets · 1

Of 72 students, 17 take art and 35 take music. 35 do neither. How many students do both?

Venn Diagrams: Counting with Two Sets · 2

Of 112 children, 64 like swimming, 54 like biking, and 25 do both. How many children do neither?

Venn Diagrams: Counting with Two Sets · 3

67 students take art and 63 students take music. 31 students do both. How many students do at least one of the two?

Venn Diagrams: Counting with Two Sets · 4

39 students have a cat. 3 of them also have a dog. How many students have a cat but do not have a dog?

Venn Diagrams: Counting with Two Sets · 5

Of 68 children, 40 like swimming and 46 like biking. 6 do neither. How many children do both?

Venn Diagrams: Counting with Two Sets · 6

Of 109 people, 69 like apples, 47 like bananas, and 38 do both. How many people do neither?

Venn Diagrams: Counting with Two Sets · 7

58 people read books and 70 people watch movies. 35 people do both. How many people do at least one of the two?

Venn Diagrams: Counting with Two Sets · 8

61 people like bananas. 32 of them also like apples. How many people like bananas but do not like apples?

Venn Diagrams: Counting with Two Sets · 2

**ANSWER**

**19**

Venn Diagrams: Counting with Two Sets · 1

**ANSWER**

**15**

Venn Diagrams: Counting with Two Sets · 4

**ANSWER**

**36**

Venn Diagrams: Counting with Two Sets · 3

**ANSWER**

**99**

Venn Diagrams: Counting with Two Sets · 6

**ANSWER**

**31**

Venn Diagrams: Counting with Two Sets · 5

**ANSWER**

**24**

Venn Diagrams: Counting with Two Sets · 8

**ANSWER**

**29**

Venn Diagrams: Counting with Two Sets · 7

**ANSWER**

**93**

Venn Diagrams: Counting with Two Sets · 9

Of 77 students, 42 play soccer and 35 play basketball. 33 do neither. How many students do both?

Venn Diagrams: Counting with Two Sets · 10

Of 140 students, 65 play soccer, 78 play basketball, and 40 do both. How many students do neither?

Venn Diagrams: Counting with Two Sets · 11

18 people like apples and 37 people like bananas. 8 people do both. How many people do at least one of the two?

Venn Diagrams: Counting with Two Sets · 12

50 people watch movies. 29 of them also read books. How many people watch movies but do not read books?

Venn Diagrams: Counting with Two Sets · 13

Of 43 children, 14 like swimming and 15 like biking. 18 do neither. How many children do both?

Venn Diagrams: Counting with Two Sets · 14

Of 97 students, 50 have a dog, 72 have a cat, and 40 do both. How many students do neither?

Venn Diagrams: Counting with Two Sets · 15

76 people read books and 78 people watch movies. 40 people do both. How many people do at least one of the two?

Venn Diagrams: Counting with Two Sets · 16

69 people watch movies. 37 of them also read books. How many people watch movies but do not read books?

Venn Diagrams: Counting with Two Sets · 10

**ANSWER**

**37**

Venn Diagrams: Counting with Two Sets · 9

**ANSWER**

**33**

Venn Diagrams: Counting with Two Sets · 12

**ANSWER**

**21**

Venn Diagrams: Counting with Two Sets · 11

**ANSWER**

**47**

Venn Diagrams: Counting with Two Sets · 14

**ANSWER**

**15**

Venn Diagrams: Counting with Two Sets · 13

**ANSWER**

**4**

Venn Diagrams: Counting with Two Sets · 16

**ANSWER**

**32**

Venn Diagrams: Counting with Two Sets · 15

**ANSWER**

**114**

Venn Diagrams: Counting with Two Sets · 17

Of 106 children, 39 like swimming and 59 like biking. 40 do neither. How many children do both?

Venn Diagrams: Counting with Two Sets · 18

Of 96 students, 51 take art, 56 take music, and 37 do both. How many students do neither?

Venn Diagrams: Counting with Two Sets · 19

35 people like apples and 11 people like bananas. 7 people do both. How many people do at least one of the two?

Venn Diagrams: Counting with Two Sets · 20

57 children like biking. 32 of them also like swimming. How many children like biking but do not like swimming?

Venn Diagrams: Counting with Two Sets · 21

Of 66 students, 18 have a dog and 31 have a cat. 28 do neither. How many students do both?

Venn Diagrams: Counting with Two Sets · 22

Of 70 students, 41 play soccer, 33 play basketball, and 12 do both. How many students do neither?

Venn Diagrams: Counting with Two Sets · 23

67 people read books and 67 people watch movies. 37 people do both. How many people do at least one of the two?

Venn Diagrams: Counting with Two Sets · 24

47 students take music. 18 of them also take art. How many students take music but do not take art?

Venn Diagrams: Counting with Two Sets · 18

**ANSWER**

**26**

Venn Diagrams: Counting with Two Sets · 17

**ANSWER**

**32**

Venn Diagrams: Counting with Two Sets · 20

**ANSWER**

**25**

Venn Diagrams: Counting with Two Sets · 19

**ANSWER**

**39**

Venn Diagrams: Counting with Two Sets · 22

**ANSWER**

**8**

Venn Diagrams: Counting with Two Sets · 21

**ANSWER**

**11**

Venn Diagrams: Counting with Two Sets · 24

**ANSWER**

**29**

Venn Diagrams: Counting with Two Sets · 23

**ANSWER**

**97**