**Task card 1** Venn Diagrams: Counting with Two S...

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

**Task card 2** Venn Diagrams: Counting with Two S...

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

**Task card 3** Venn Diagrams: Counting with Two S...

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

**Task card 4** Venn Diagrams: Counting with Two S...

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

**Task card 5** Venn Diagrams: Counting with Two S...

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

**Task card 6** Venn Diagrams: Counting with Two S...

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

**Task card 7** Venn Diagrams: Counting with Two S...

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

**Task card 8** Venn Diagrams: Counting with Two S...

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

**Task card 9** Venn Diagrams: Counting with Two S...

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

**Task card 10** Venn Diagrams: Counting with Two S...

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

**Task card 11** Venn Diagrams: Counting with Two S...

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

**Task card 12** Venn Diagrams: Counting with Two S...

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

**Task card 13** Venn Diagrams: Counting with Two S...

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

**Task card 14** Venn Diagrams: Counting with Two S...

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

**Task card 15** Venn Diagrams: Counting with Two S...

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

**Task card 16** Venn Diagrams: Counting with Two S...

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

**Task card 17** Venn Diagrams: Counting with Two S...

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

**Task card 18** Venn Diagrams: Counting with Two S...

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

**Task card 19** Venn Diagrams: Counting with Two S...

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

**Task card 20** Venn Diagrams: Counting with Two S...

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

**Task card 21** Venn Diagrams: Counting with Two S...

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

**Task card 22** Venn Diagrams: Counting with Two S...

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

**Task card 23** Venn Diagrams: Counting with Two S...

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

**Task card 24** Venn Diagrams: Counting with Two S...

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 Task Cards

Recording sheet · Grade 6 · Picture a Venn diagram with two overlapping circles. Answer with a number.

Scan to check your answers

Name: _____ Date: _____

| | | | |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 |

# Venn Diagrams: Counting with Two Sets Task Cards: Answer Key

Grade 6 · Hard

The answers online

| | | |
|---|---|---|
| **1.** 15 | **2.** 19 | **3.** 99 |
| **4.** 36 | **5.** 24 | **6.** 31 |
| **7.** 93 | **8.** 29 | **9.** 33 |
| **10.** 37 | **11.** 47 | **12.** 21 |
| **13.** 4 | **14.** 15 | **15.** 114 |
| **16.** 32 | **17.** 32 | **18.** 26 |
| **19.** 39 | **20.** 25 | **21.** 11 |
| **22.** 8 | **23.** 97 | **24.** 29 |