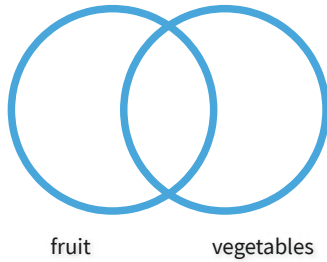




#1

Out of Elizabeth's classmates, 9 like fruit, 15 like vegetables, and 4 like both. How many classmates like vegetables but not fruit? Complete the Venn diagram below to help you solve the problem.

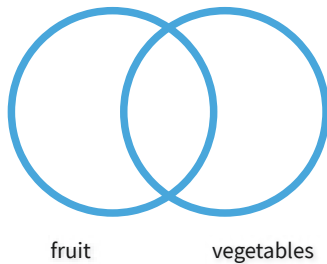


- 19
- 11
- 21
- 20

Show your work

#2

Out of Madeline's classmates, 14 like fruit, 13 like vegetables, and 4 like both. How many classmates like vegetables but not fruit? Complete the Venn diagram below to help you solve the problem.

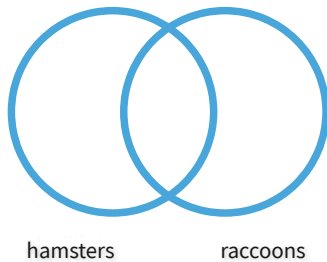


- 9
- 23
- 24
- 22

Show your work

#3

12 of the people in Makayla's office like hamsters. 15 people like raccoons, and 2 people like both hamsters and raccoons. How many people like raccoons but not hamsters? Complete the Venn diagram below to help you solve the problem.



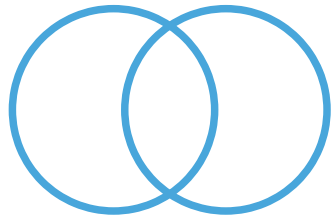
- 13
- 24
- 26
- 25

Show your work



#4

If 11 kids like strawberry milk, 6 like chocolate milk, and 4 like both, how many friends like chocolate milk but not strawberry milk? Complete the Venn diagram below to help you solve the problem.

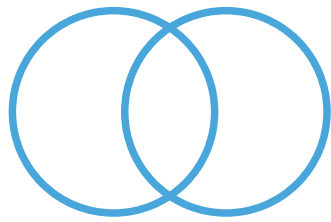


- |                          |                          |
|--------------------------|--------------------------|
| <input type="radio"/> 14 | <input type="radio"/> 13 |
| <input type="radio"/> 12 | <input type="radio"/> 2  |

Show your work

#5

Out of Connor's classmates, 12 like fruit, 14 like vegetables, and 5 like both. How many classmates like vegetables but not fruit? Complete the Venn diagram below to help you solve the problem.

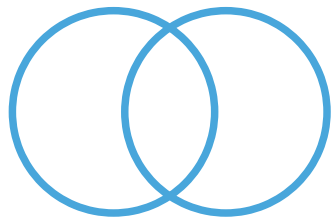


- |                          |                          |
|--------------------------|--------------------------|
| <input type="radio"/> 20 | <input type="radio"/> 21 |
| <input type="radio"/> 22 | <input type="radio"/> 9  |

Show your work

#6

8 of the students in Natalie's class like to eat cereal. 9 students like to eat yogurt, and 5 students like to eat both cereal and yogurt. How many people like to eat yogurt but not cereal? Complete the Venn diagram below to help you solve the problem.



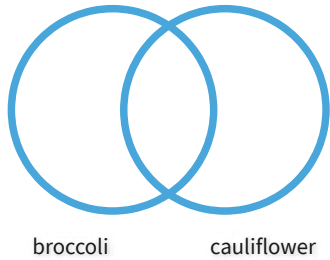
- |                          |                          |
|--------------------------|--------------------------|
| <input type="radio"/> 13 | <input type="radio"/> 11 |
| <input type="radio"/> 12 | <input type="radio"/> 4  |

Show your work



#7

In Mia's family there are 6 that like broccoli, 9 that like cauliflower, and 2 who like both. How many of her family members like broccoli, cauliflower, or both? Complete the Venn diagram to help you solve the problem.

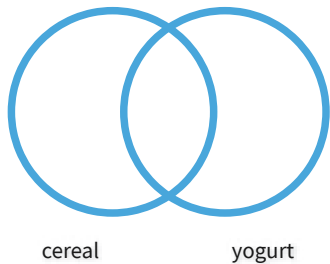


- |                          |                          |
|--------------------------|--------------------------|
| <input type="radio"/> 16 | <input type="radio"/> 13 |
| <input type="radio"/> 15 | <input type="radio"/> 14 |

Show your work

#8

13 of the students in Maya's class like to eat cereal. 9 students like to eat yogurt, and 2 students like to eat both cereal and yogurt. How many people like to eat cereal or like to eat yogurt or both? Complete the Venn diagram below to help you solve the problem.

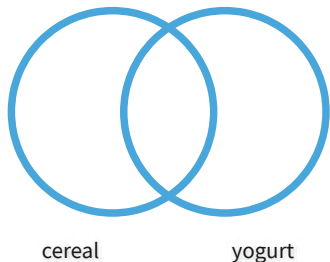


- |                          |                          |
|--------------------------|--------------------------|
| <input type="radio"/> 21 | <input type="radio"/> 20 |
| <input type="radio"/> 23 | <input type="radio"/> 22 |

Show your work

#9

12 of the students in Evan's class like to eat cereal. 5 students like to eat yogurt, and 2 students like to eat both cereal and yogurt. How many people like to eat cereal or like to eat yogurt or both? Complete the Venn diagram below to help you solve the problem.



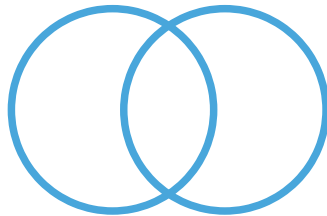
- |                          |                          |
|--------------------------|--------------------------|
| <input type="radio"/> 16 | <input type="radio"/> 17 |
| <input type="radio"/> 15 | <input type="radio"/> 18 |

Show your work



#10

Of Gabriel's friends, 12 ride bicycles, 9 ride skateboards, and 2 ride both. How many friends ride skateboards but not bicycles? Complete the Venn diagram below to help you solve the problem.



bicycles

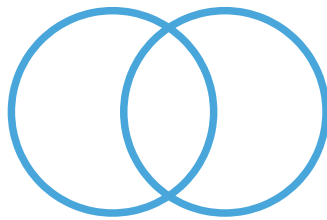
skateboards

- |                          |                          |
|--------------------------|--------------------------|
| <input type="radio"/> 20 | <input type="radio"/> 18 |
| <input type="radio"/> 19 | <input type="radio"/> 7  |

Show your work

#11

15 of the people in Francisco's family know how to ride a bike and 6 of them know how to ride a horse. 2 people know both how to ride a bike and a horse. How many people know how to ride a horse but not a bike? Complete the Venn diagram below to help you solve the problem.



bike

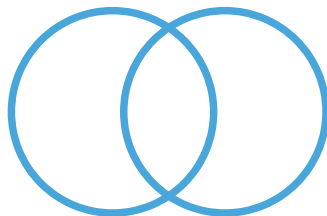
horse

- |                          |                          |
|--------------------------|--------------------------|
| <input type="radio"/> 20 | <input type="radio"/> 4  |
| <input type="radio"/> 19 | <input type="radio"/> 18 |

Show your work

#12

9 of the students in Cameron's class collect Robot cards, while 15 collect Creature cards. Then there are 6 who collect both. How many people collect Robot cards or Creature cards or both? Complete the Venn diagram to help you solve the problem.



Robot cards

Creature cards

- |                          |                          |
|--------------------------|--------------------------|
| <input type="radio"/> 24 | <input type="radio"/> 25 |
| <input type="radio"/> 18 | <input type="radio"/> 23 |

Show your work

Question	Answer
#1	choice 2
#2	choice 1
#3	choice 1
#4	choice 4
#5	choice 4
#6	choice 4
#7	choice 2
#8	choice 2
#9	choice 3
#10	choice 4
#11	choice 2
#12	choice 3