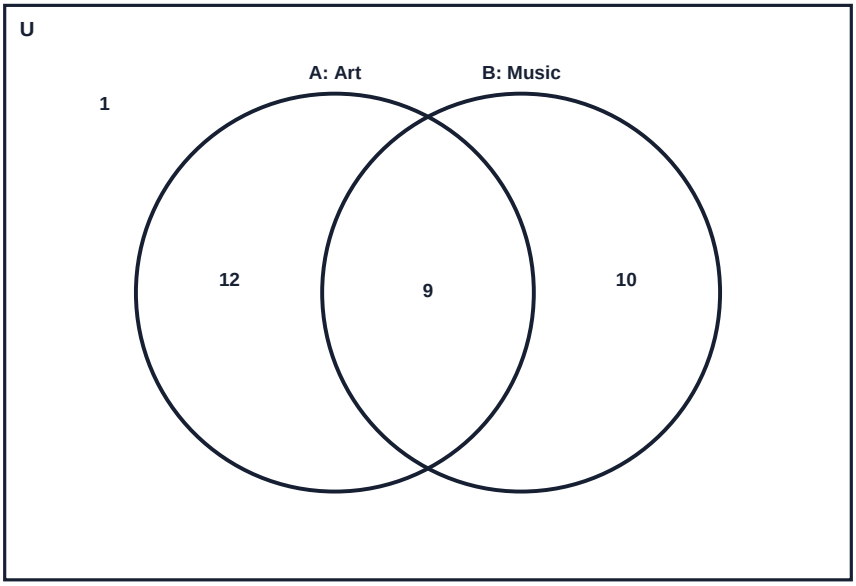
Math Sheet

Name _____ Score _____ / 10 Teacher _____ Date _____

Venn Diagram Word Problems

Use the atomic counts to answer each question.



1. How many students are in Art only?

2. How many students are in Music only?

3. How many students are in both Art and Music?

4. How many students are in none of Art, Music?

5. How many students are there in total?

6. How many students are not in Art?

7. How many students are in exactly one of Art and Music?

8. How many students are not in Music?

9. How many students are in Art, including overlaps?

10. How many students are in Art or Music, including both?

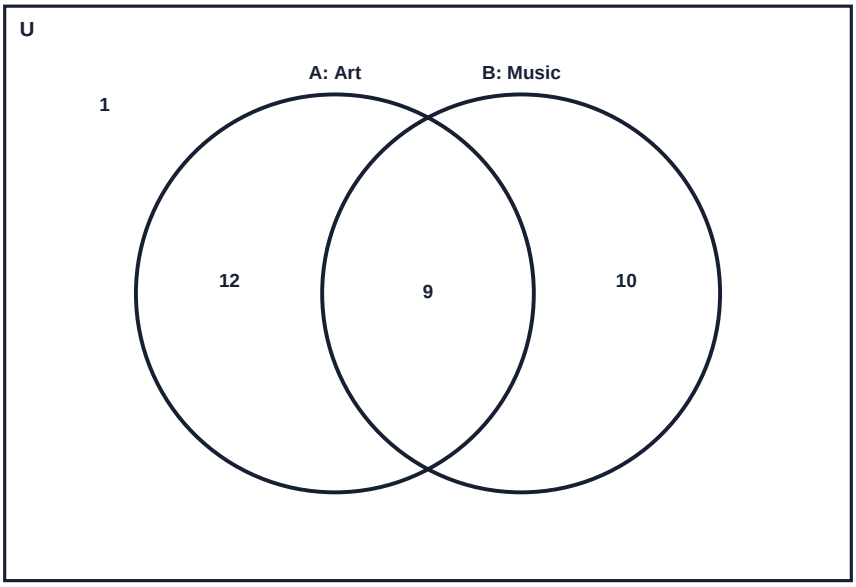
Math Sheet

Name _____ Score _____ / 10 Teacher _____ Date _____

Venn Diagram Word Problems

Answer key

Use the atomic counts to answer each question.



1. How many students are in Art only?
12

2. How many students are in Music only?
10

3. How many students are in both Art and Music?
9

4. How many students are in none of Art, Music?
1

5. How many students are there in total?
32

6. How many students are not in Art?
11

7. How many students are in exactly one of Art and Music?
22

8. How many students are not in Music?
13

9. How many students are in Art, including overlaps?
21

10. How many students are in Art or Music, including both?
31