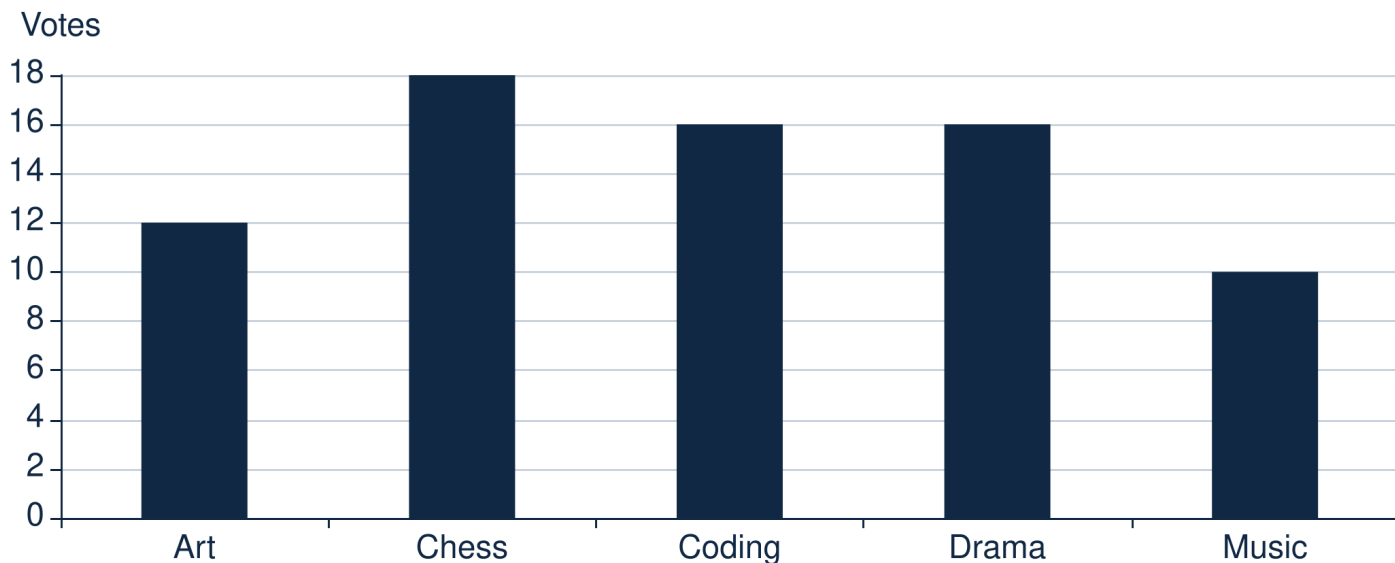


Bar graph worksheets

A class chooses a club

Name: _____ Date: _____

Original fictional practice data



1. Which label or labels have the highest value?

2. Which label or labels have the lowest value?

3. What is the difference between the highest and lowest values?

4. What is the total across all categories?

5. Compare Art with Chess. How much greater or smaller is it?

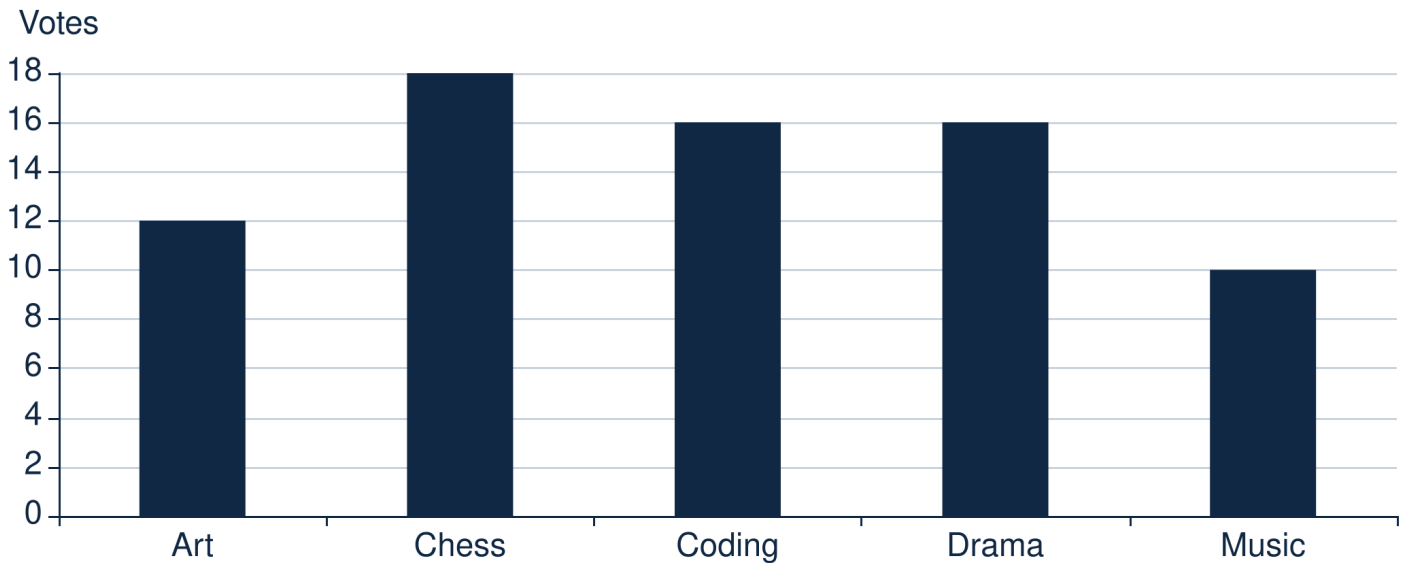
6. Why does this bar graph start at zero?

Bar graph worksheets

A class chooses a club

Answer key — keep separate from the worksheet

Original fictional practice data



1. Which label or labels have the highest value?

Chess

The maximum is 18. Include all ties.

2. Which label or labels have the lowest value?

Music

The minimum is 10. Include all ties.

3. What is the difference between the highest and lowest values?

8

$18 - 10 = 8$.

4. What is the total across all categories?

72

Add the displayed values: $12 + 18 + 16 + 16 + 10$.

5. Compare Art with Chess. How much greater or smaller is it?

Smaller by 6.

Subtract the smaller value from the larger; name the direction separately.

6. Why does this bar graph start at zero?

Bar lengths represent the values.

A truncated baseline would distort their relative lengths.