



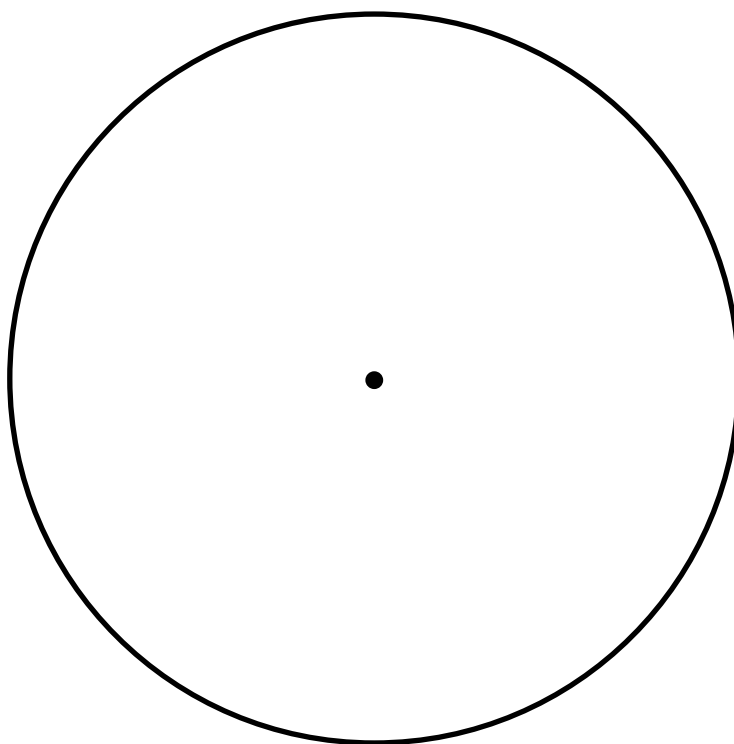
Board games pie graph

Data and Graphing Worksheet

John asked 40 friends to vote on their favorite board game.

Construct a pie graph showing the fraction of students who voted for each game.

Board game	Number of votes
Chess	10
Scrabble	20
Battleship	5
Checkers	5

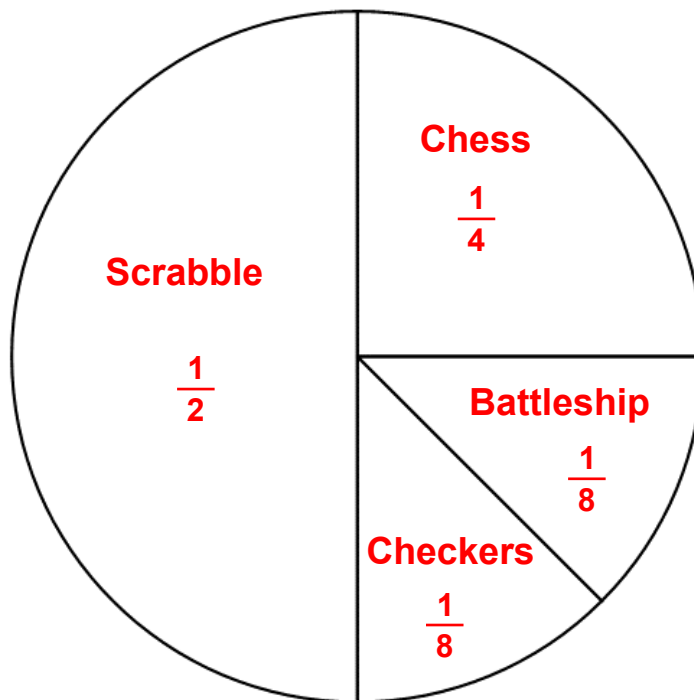


- Which board game is most liked? _____
- What fraction of the kids favored Battleship? _____
- Which board game has one-half of the total votes? _____
- Which board game has one-fourth of the total votes? _____
- What fraction of the votes are checkers and Battleship combined? _____



Answers

Board game	Number of votes
Chess	10
Scrabble	20
Battleship	5
Checkers	5



Which board game is most liked?

Scrabble

What fraction of the kids favored Battleship?

$\frac{1}{8}$

Which board game has one-half of the total votes?

Scrabble

Which board game has one-fourth of the total votes?

Chess

What fraction of the votes are checkers and battleship?

$\frac{2}{8}$ or $\frac{1}{4}$