

Set Word Problems

- 1) An English teacher surveyed her students and found that 78 children had read 'The Adventures of Tom Sawyer' and 43 students had read 'Robinson Crusoe'. Every student had read at least one book, with 31 students having read both. Find the number of students who took part in the survey.

PREVIEW

- 2) An airline surveyed its travelers about their meal preferences and found that 240 travelers chose fried salmon and 180 travelers preferred grilled vegetables. If 110 travelers liked both, how many travelers participated in the survey?

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- 3) In a survey, 72 said they found Safari more functional, how many people preferred Chrome? 172 said they found Safari more functional, how many people preferred Chrome? If both browsers were equally good, how many people preferred Chrome?

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- 4) Of the 89 students who picked up a book from the library, 47 of them picked up a fiction book, and 47 of them picked up a non-fiction book. How many students picked up one of the two types of books?

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- 5) A market researcher surveyed 100 organizations. It found out 42 organizations considered blog posts as a must-have and 76 found short videos more useful. If 15 companies said either would be ideal, how many organizations took part in the poll?