

## Set Word Problems

- 1) At a birthday party, 48 guests chose pasta for their main course, 50 guests picked noodles, and 30 guests ate both noodles and pasta. If each guest had at least one of the two dishes, how many guests were there?

# PREVIEW

- 2) Sara surveyed 50 people who said they liked espresso, latte or both. If 26 participants liked espresso and 3 liked latte, how many people liked both espresso and latte?

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- 3) A class party was held in the school gym. 19 children in the class, 19 children in the school and 19 children in both. Find the number of children in the class.

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- 4) A group of 200 students were asked to bring a mini car or a mini dog to school. 100 students brought a mini car, 100 students brought a mini dog and 50 students brought both. How many students brought neither?

- 5) The market research company found that 327 households had desktops and 522 households had laptops. There were 120 households with desktops as well as laptops. How many households were part of the research?

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