

Name : _____

Drawing Venn Diagram - With Universal Set

Draw: S2

Draw Venn diagrams based on the data provided and answer the questions that follow.

- 1) A car dealership sold 92 cars of a new model last month. Fifty-one cars sold had blind spot detection systems installed in them and 31 cars were fitted with sunroofs. Eleven cars with both these features were sold. Represent the data in a Venn diagram.

a) How many models had sunroofs?

b) Find the number of models that have either of the two features.

c) How many new models had sunroofs?

- 2) Students of Grade 4 were given 100 math problems to be solved, of which 24 of them were based on addition operations and 16 on division operations. Sixteen problems were neither based on addition nor on division operations. Represent the data in a Venn diagram.

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a) How many problems were not based on division operations?

b) Find the number of problems that involved addition operations.

c) How many problems were neither based on addition nor on division operations?