

Name : _____

Drawing Venn Diagram - With Universal Set

Draw: S4

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

- 1) Students of Grade 3 attended a school carnival-
- 25 students indulged in funnel cakes;
 - 26 students munched on popcorn;
 - 22 of them drank lemonade;
 - 9 students ate both funnel cake and popcorn but did not drink lemonade;
 - 4 of them munched on popcorn and also drank lemonade but did not eat funnel cake;
 - 7 students had funnel cakes and drank lemonade but did not eat popcorn;
 - 6 students indulged in funnel cakes, popcorn, and lemonade; and
 - 2 students could not eat the carnival.

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a) Find the number of students who did not eat the carnival.

b) How many students indulged in funnel cakes and popcorn?

c) Write down the number of students who drank lemonade and popcorn.

d) How many students drank lemonade and popcorn?

e) Find the number of students who munched only on popcorn at the carnival.

f) How many students of Grade 3 did not drink lemonade?

g) Find the number of students who consumed at least 2 of the 3 items.

h) How many students of Grade 3 either consumed funnel cake or drank lemonade ?
