

Name : _____

Drawing Venn Diagram - Without Universal Set

Draw: S6

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

- 1) Nineteen homeowners in Jefferson lane have built houses with multi-level decks. Twenty-four of them have constructed swimming pools in their houses and 30 homeowners have built tree houses in their backyard.
- 6 homes have a multi-level deck and a swimming pool but not a tree house;
 - 4 homes have a swimming pool and a tree house but do not have a multi-level deck;
 - 3 homes have a multi-level deck and a tree house but not a swimming pool; and
 - One home on Jefferson lane has all the 3 features.

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

a) How many homeowners have constructed their property? _____

b) Find the number of homes with swimming pools constructed on their property? _____

c) Write down the number of homes with tree houses and swimming pools. _____

d) How many homeowners have tree houses on their properties? _____

e) How many homes on Jefferson lane have neither a pool nor a tree house? _____

f) How many homes do not have a swimming pool constructed on their property? _____

g) List the number of homes on Jefferson lane that have at least one of the three features mentioned in the data provided. _____

h) How many properties in Jefferson lane have either a deck or a tree house? _____