16th June

ξ = 100 farmers  
C = farmers that keep cattle  
S = farmers that keep sheep

76 farmers keep only cattle or only sheep.

\( \frac{2}{19} \) of these 76 farmers only keep sheep

The number of farmers that keep cattle is three times the number that keep sheep.

Complete the Venn Diagram

Make a the subject

\[ 8a + 3c = ab + 13c \]

Find x