



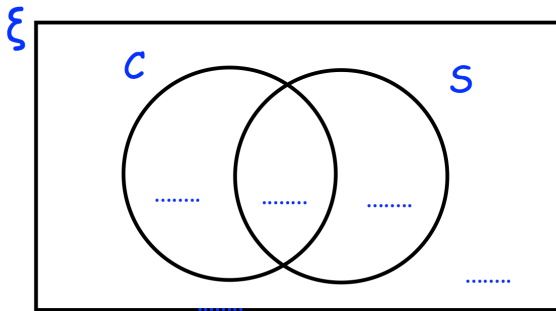
$\xi = 100$  farmers  
 $C =$  farmers that keep cattle  
 $S =$  farmers that keep sheep

76 farmers keep only cattle or only sheep.

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

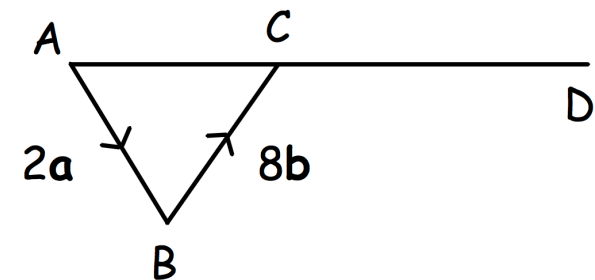
The number of farmers that keep cattle is three times the number that keep sheep.

Complete the Venn Diagram



Make  $m$  the subject

$$w = \frac{x}{m} - 7$$



$$\vec{AB} = 2\mathbf{a} \quad \vec{BC} = 8\mathbf{b}$$

ACD is a straight line such that  
 $AC : CD = 2 : 5$

Write down the vector  $\vec{AC}$  in terms of  $\mathbf{a}$  and  $\mathbf{b}$

Write down the vector  $\vec{AD}$  in terms of  $\mathbf{a}$  and  $\mathbf{b}$