(a) $(2x + 1) + x + 140 + 15 = 450$

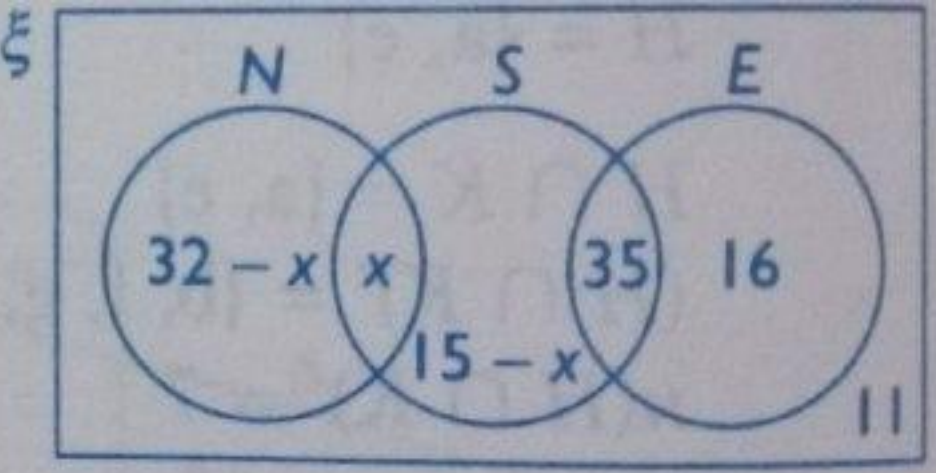
$3x + 156 = 450$

$3x = 294$

$x = 98$

(b) $2x + 1 + 15 = 2(98) + 16$

$= 212$



Katakan/*Let* $n(N \cap S) = x$

$51 - 35 = 16$

$n(S) = 50,$

$50 - 35 - x = 15 - x$

$$(32 - x) + x + (15 - x) + 35 + 16 + 11 = 100$$

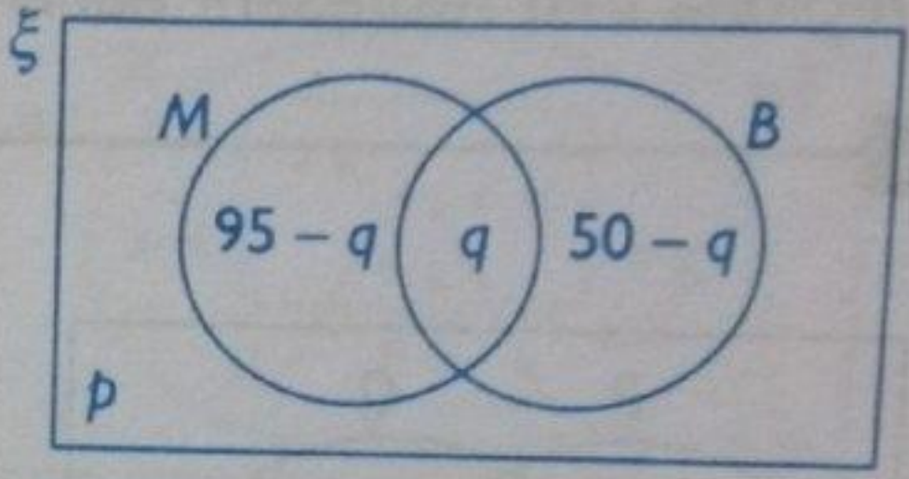
$$109 - x = 100$$

$$x = 9$$

$$n(N \cap S)' = 100 - 9$$

$$= 91$$

(a)



$$p + (95 - q) + q + (50 - q) = 180$$
$$p - q + 145 = 180$$
$$p = q + 35$$

(b) Bilangan murid yang mengambil Matematik Tambahan dan Biologi

Number of pupils who take Additional Mathematics and Biology

$= q$

$= p - 35$

$= 80 - 35$

$= 45$