



2 (a) let Rahul's score = x
Sachin's score = $2x$
acc. to con.

$$x + 2x = 200 - 2$$

$$\Rightarrow 3x = 198$$

$$\Rightarrow x = \frac{198}{3} = 66$$

$$\Rightarrow x = 66$$

\therefore Rahul's score = 66

$$\begin{aligned} \text{Sachin's score} &= 2 \times 66 \\ &= 132 \end{aligned}$$

3 (a) (i) let no. of marbles with Parmit = x
acc. to con.

$$5x + 7 = 37$$

$$\Rightarrow 5x = 37 - 7$$

$$\Rightarrow x = \frac{30}{5} = 6$$

\therefore number of marbles with
Parmit = x
= 6