

Q 13 Divide ₹ 296 between two people in the ratio 3:5. How much will each one receive?

$$\Rightarrow 3x + 5x$$

$$3x + 5x = 296$$

$$8x = 296$$

$$x = 37$$

$$3x = 3 \times 37 = 111$$

$$5x = 5 \times 37 = 185$$

Q-14 ₹ 688 is distributed among three friends Sunita, Anita and Greta in the ratio 5:4:7. How much amount each will get?

$$\Rightarrow 5x + 4x + 7x$$

$$5x + 4x + 7x = 688$$

$$16x = 688$$

$$x = 43$$

$$\text{Sunita} = 5x = 5 \times 43 = 215$$

$$\text{Anita} = 4x = 4 \times 43 = 172$$

$$\text{Greta} = 7x = 7 \times 43 = 301$$