

Q.

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

→ Let the number be x .

$$\therefore 3x + 5x = \text{₹ } 296$$

$$\therefore 8x = 296$$

$$= x = \frac{269}{8} = 37$$

$$x = 37$$

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

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

$$\therefore 111 + 185 = 296$$

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

→ Let the number be x .

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

$$= 8x = 688$$

∴ Sunita share

$$x = \frac{688}{8} = 43$$

$$\therefore \text{Sunita shares} = 5 \times 43 = 215$$

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

$$\text{Geeta shares} = 7 \times 43 = 301$$