

1) Evaluate ~~Exp~~ -

→ 55% of 160 + 24% of 50 - 30% of 150

$$= \frac{55}{100} \times 160 + \frac{24}{100} \times 50 - \frac{30}{100} \times 150$$

$$= 88 + 12 - 45 = 100 - 45 = 55 \text{ (Ans)}$$

2) 9.3% of 500 - 4.8% of 250 - 2.5% of 240

$$= \frac{93}{100} \times 500 - \frac{48}{100} \times 250 - \frac{25}{100} \times 240$$

$$= \frac{93}{2} \times 10 - 12 - 6 = \frac{93}{2} - 18 = \frac{93 - 36}{2} = \frac{57}{2}$$

$$= 28.5$$

$$1) \quad 45 = x\% \text{ of } 54$$

$$2) \quad \frac{45}{1} = \frac{x}{100} \times 54 = 27x$$

$$= \frac{27x}{50}$$

$$2) \quad 45 \times 50 = 27x$$

$$\frac{45 \times 50}{27} = x \quad x = \frac{250}{3} = 83.33\%$$