



$$\begin{aligned} 9. \text{ (a)} \quad & -8 + (-4) \\ & = -12 \end{aligned}$$

$$\begin{aligned} & -8 - (-4) \\ & = -8 + 4 \\ & = -4 \end{aligned}$$

$$\therefore -4 > -12$$

$$\therefore -8 + (-4) \quad \boxed{<} \quad -8 - (-4)$$

$$\begin{aligned} \text{(b)} \quad & -3 + 7 - (19) \\ & = -22 + 7 \\ & = -15 \end{aligned}$$

$$\begin{aligned} & 15 - 8 + (-9) \\ & = 15 - 17 \\ & = -2 \end{aligned}$$

$$\therefore -2 > -15$$

$$\therefore -3 + 7 - (19) \quad \boxed{<} \quad 15 - 8 + (-9)$$

$$\begin{aligned} \text{(c)} \quad & 23 - 41 + 11 \\ & = 34 - 41 \\ & = -7 \end{aligned}$$

$$\begin{aligned} & 23 - 41 - 11 \\ & = 23 - 52 \\ & = -29 \end{aligned}$$

$$\therefore -7 > -29$$

$$\therefore 23 - 41 + 11 > 23 - 41 - 11$$

$$\begin{aligned} \text{(d)} \quad & 39 + (-24) - (15) \\ & = 39 - 39 \\ & = 0 \end{aligned}$$

$$\begin{aligned} & 36 + (-52) - (-36) \\ & = 72 - 52 \\ & = 20 \end{aligned}$$

$$\therefore 20 > 0$$

$$\therefore 39 + (-24) - 15 < 36 + (-52) - (-36)$$

$$\begin{aligned} \text{(e)} \quad & -231 + 79 + 51 \\ & = -231 + 130 \\ & = -101 \end{aligned}$$

$$\begin{aligned} & -399 + 159 + 81 \\ & = -399 + 240 \\ & = -159 \end{aligned}$$

$$\therefore -101 > -159$$

$$\therefore -231 + 79 + 51 > -399 + 159 + 81$$