

→ $\{-8, 1, 2, 4, 5, 6, 8, 15, 20, 120\}$

① Minimum = -8

17.5

② $Q_1 = \frac{25}{100} \times 11 = 2.75^{\text{th}} \text{ Index} \Rightarrow 1.5$

③ Median = Avg $(5, 6) = 5.5$

④ $Q_3 = \frac{75}{100} \times 11 = 8.25^{\text{th}} \text{ Index} \Rightarrow 17.5$

⑤ Maximum = 120

~~$IQR = 8.25 - 2.75$
 $= 5.5$~~

$IQR = 17.5 - 1.5$
 $= 16$

~~$L.F = 2.75 - 1.5(5.5)$~~

$$L.F = 1.5 - 1.5(16)$$

$$= -22.5$$

$$H.F = 17.5 + (1.5) 16$$

$$= 41.5$$

$\Rightarrow 120$ is a outlier

