

5 ① true

② false [eg Mean of 4, 5, 11 = 6.67]

③ false (true only if no. of obs. is odd)

$$\begin{aligned} \textcircled{N} \text{ Mean} &= \frac{6+4+3+8+9+12+13+9}{8} \\ &= \frac{64}{8} \\ &= 8 \end{aligned}$$

false.