

5. Diberi nombor 2, 4, 6, 6, 8 dan 12.
- (a) Kenal pasti min, median dan mod bagi set data tersebut.
- (b) Hitung min, median dan mod yang baharu jika setiap nombor itu
- (i) ditambah 2. (ii) didarab 2.
- (iii) ditolak 2. (iv) dibahagi 2.

$$\begin{aligned} \text{(a) Min} &= \frac{+ \quad + \quad + \quad + \quad + \quad +}{6} \\ &= \frac{42}{6} \\ &= 7 \quad (2 \text{ tp}) \end{aligned}$$

$$\begin{aligned} \text{Median} &= \frac{+}{2} \\ &= \frac{6}{2} \\ &= 6 \end{aligned}$$

$$\text{Mod} = 6$$

- (b) (i) 4, 6, 8, 8, 10, 14

$$\begin{aligned} \text{Min} &= \frac{+ \quad + \quad + \quad + \quad + \quad +}{6} \\ &= \frac{50}{6} \\ &= 8.33 \quad (2 \text{ tp}) \end{aligned}$$

$$\begin{aligned} \text{Median} &= \frac{+}{2} \\ &= \frac{14}{2} \\ &= 7 \end{aligned}$$

$$\text{Mod} = 8$$

- (ii) 4, 8, 12, 12, 16, 24

$$\begin{aligned} \text{Min} &= \frac{+ \quad + \quad + \quad + \quad + \quad +}{6} \\ &= \frac{76}{6} \\ &= 12.67 \quad (2 \text{ tp}) \end{aligned}$$

$$\begin{aligned}\text{Median} &= \frac{\quad + \quad}{2} \\ &= \end{aligned}$$

Mod =

(iii) 0, 2, 4, 4, 6, 10

$$\begin{aligned}\text{Min} &= \frac{\quad + \quad + \quad + \quad + \quad}{2} \\ &= \quad \\ &= \quad (2 \text{ tp})\end{aligned}$$

$$\begin{aligned}\text{Median} &= \frac{\quad + \quad}{2} \\ &= \end{aligned}$$

Mod =

(iv) 1, 2, 3, 3, 4, 6

$$\begin{aligned}\text{Min} &= \frac{\quad + \quad + \quad + \quad + \quad}{2} \\ &= \quad \\ &= \quad (2 \text{ tp})\end{aligned}$$

$$\begin{aligned}\text{Median} &= \frac{\quad + \quad}{2} \\ &= \end{aligned}$$

Mod =