

Exercise

** Find the average:

1) 4, 3, 7, 5, 3

2) 8, 9, 12, 11, 7, 10

3) 3, 5, 8, 4, 2, 5, 2, 4, 3, 7

4) 134, 136, 132, 138

5) 38, 34, 32, 41, 30, 35, 33, 37

6) 957, 956, 948, 952, 960

Solution:

1) Sum of quantities = $4+3+7+5+3$

$$= 22$$

Number of quantities = 5

We Know,

$$\text{Average} = \frac{\text{Sum of quantities}}{\text{Number of quantities}}$$

$$= \frac{22}{5}$$

$$= 4.4$$

Ans: 4.4

4.4
<hr/>
5) 22.0
20
<hr/>
2 0
2 0
<hr/>
0

$$\begin{aligned} 2) \text{ Sum of quantities} &= 8+9+12+11+7+10 \\ &= 57 \end{aligned}$$

$$\text{Number of quantities} = 6$$

We Know,

$$\begin{aligned} \text{Average} &= \frac{\text{Sum of quantities}}{\text{Number of quantities}} \\ &= \frac{57}{6} \\ &= 9.5 \end{aligned}$$

Ans: 9.5

$$\begin{aligned} 3) \text{ Sum of quantities} &= 3+5+8+4+2+5+2+4+3+7 \\ &= 43 \end{aligned}$$

$$\text{Number of quantities} = 10$$

We Know,

$$\begin{aligned} \text{Average} &= \frac{\text{Sum of quantities}}{\text{Number of quantities}} \\ &= \frac{43}{10} \\ &= 4.3 \end{aligned}$$

Ans: 4.3

$$\begin{aligned} 4) \text{ Sum of quantities} &= 134+136+132+138 \\ &= 540 \end{aligned}$$

$$\text{Number of quantities} = 4$$

We Know,

$$\begin{aligned}\text{Average} &= \frac{\text{Sum of quantities}}{\text{Number of quantities}} \\ &= \frac{540}{4} \\ &= 135\end{aligned}$$

Ans: 135

$$\begin{aligned}5) \text{ Sum of quantities} &= 38+34+32+41+30+35+33+37 \\ &= 280\end{aligned}$$

$$\text{Number of quantities} = 8$$

We Know,

$$\begin{aligned}\text{Average} &= \frac{\text{Sum of quantities}}{\text{Number of quantities}} \\ &= \frac{280}{8} \\ &= 35\end{aligned}$$

Ans: 35

$$\begin{aligned}6) \text{ Sum of quantities} &= 957+956+948+952+960 \\ &= 4773\end{aligned}$$

$$\text{Number of quantities} = 5$$

We Know,

$$\text{Average} = \frac{\text{Sum of quantities}}{\text{Number of quantities}}$$

$$= \frac{4773}{5}$$

$$= 954.6$$

Ans: 954.6