

Media Aritmética

Hallar la media aritmética.

• Actividad 2

a) 5, 20, 15, 5, 3, 5, 6, 5 : R// 8

$$\bar{x} = \frac{\sum x}{n} \rightarrow \bar{x} = \frac{5+20+15+5+3+5+6+5}{8} = \frac{64}{8} = \underline{8}$$

b) 25, 22, 30, 18, 50, 61 : 34.33

$$\bar{x} = \frac{\sum x}{n} \rightarrow \bar{x} = \frac{25+22+30+18+50+61}{6} = \frac{206}{6} = 34.33$$

c) 12, 14, 16, 21 : R// 15.75

$$\bar{x} = \frac{\sum x}{n} \rightarrow \bar{x} = \frac{12+14+16+21}{4} = \frac{63}{4} = 15.75$$

d) 16, 18, 17, 15, 16, 17, 18, 18, 19, 17, 16, R// 17

$$\bar{x} = \frac{\sum x}{n} \rightarrow \bar{x} = \frac{16+18+17+15+16+17+18+18+19+17+16}{11} = \frac{187}{11} = 17$$

e) 5.50, 6.90, 5.10, 6.50, 8, 7.10, 5.90 = ~~R//~~ 6.42

$$\bar{X} = \frac{\sum_{i=1}^n X_i}{n} = \rightarrow \bar{X} = \frac{5.50 + 6.90 + 5.10 + 6.50 + 8 + 7.10 + 5.90}{7} = 6.42$$