

NAME: Muhammad Ahmed
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Subject: MATHEMATICS

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Head	Back	chest	Both arms	Both arms Legs
29	26	25	64	62

①. what is the total bones in the human body?

Soln

$$\begin{array}{r} 29 \\ 26 \\ 25 \\ 64 \\ + 62 \\ \hline 206 \end{array} = \underline{\underline{206}}$$

②. What percentage is in the head (2d.p)

Soln

$$\frac{x}{100} \times \frac{103}{206} = 29$$

$$\frac{x}{50} \times \frac{103}{1} = \frac{29}{1}$$

$$x \times 103 = 29 \times 50 = 1,450$$

$$\frac{1,450}{103} = 14.077 = \underline{\underline{14.07\%}}$$

$$\textcircled{3} \cdot \frac{X}{\frac{100}{50}} \times \frac{103}{1} = 25$$

$$X \times 103 = 25 \times 50 = 1250$$

$$\frac{1250}{103} = \underline{\underline{12.13\%}}$$

$$\textcircled{4} \cdot \frac{X}{\frac{100}{50}} \times \frac{103}{206} = 62$$

$$\frac{X}{50} \times \frac{103}{1} = \frac{62}{1}$$

$$X \times 103 = 62 \times 50 = \frac{3,100}{103} = \underline{\underline{30.10\%}}$$

Soln

$$\textcircled{5} \cdot \frac{X}{\frac{100}{50}} \times \frac{103}{206} = 26$$

$$\frac{X}{50} \times \frac{103}{1} = \frac{26}{1}$$

$$X \times 103 \times 1 = 26 \times 50$$

$$X \times 103 = 26 \times 50 = \frac{1300}{103} = \underline{\underline{12.621\%}}$$