

REVISION # 7 (All together)-Solved

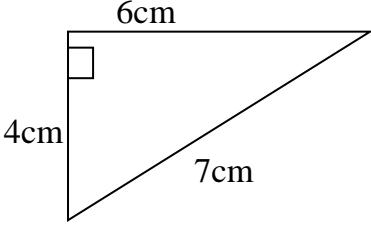
I. Find the mean /average of each of the following:

a	<p>5 cm 12 cm 4 cm 6 cm 3cm</p> $\text{Mean} = \frac{\text{total length}}{\text{number of items}} = \frac{5 + 12 + 4 + 6 + 3}{5} = \frac{30}{5}$ <p>Mean = 30 cm ÷ 5 = 6cm</p> <p>Mean = 6cm</p>
b	<p>20kg 25kg 40kg 15kg</p> $\text{Mean} = \frac{\text{total length}}{\text{number of items}} = \frac{20 + 25 + 40 + 15}{4} = \frac{100}{4}$ <p>Mean = 100kg ÷ 4 = 25kg</p> <p>Mean = 25kg</p>

II. Find the simple interest:

<p>Principal-\$5000 Rate per annum-3% Time-2 years</p> <p>Simple interest = <u>Principal x Rate x Time:</u></p> $= \frac{5000 \times 3 \times 2}{100} = \frac{30000}{100}$ <p>Simple interest = \$300</p>	<p>Principal-\$40000 Rate per annum-5% Time-3 years</p> <p>Simple interest = <u>Principal x Rate x Time:</u></p> $= \frac{40000 \times 5 \times 3}{100} = \frac{600000}{100}$ <p>Simple interest = \$6000</p>
--	--

III. Find the area:

	<p>Base = 4 cm, height = 6 cm</p> <p>Area of a triangle = 1/2 x base x height</p> $= \frac{1}{2} \times 4 \text{ cm} \times 6 \text{ cm}$ $= \frac{1}{2} \times 24 \text{ cm}^2 = 24 \text{ cm}^2 \div 2$ <p>Area = 12 cm²</p>
---	--

IV. Find the volume:

volume = length x breadth x height

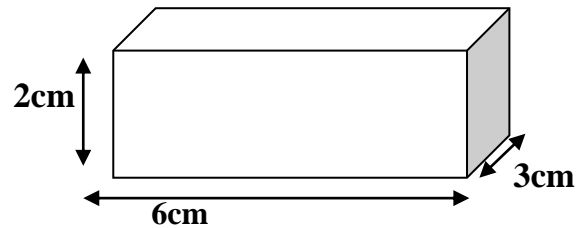
volume = $l \times b \times h$

= $6\text{cm} \times 3\text{cm} \times 2\text{cm}$

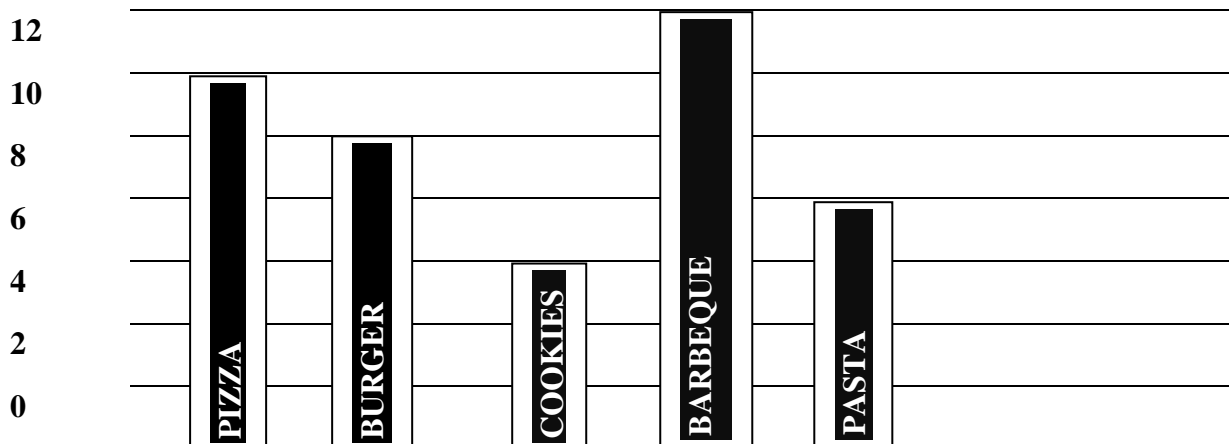
= 18×2

$18 \times 2 = 36$

Volume = 36 cm^3



V. The bar graph shows the favorite food of level 4 students. Read the bar graph and answer the questions below :



a) How many students like cookies? 4 Students

b) What is the favorite food of level 4 students? Barbeque - 12 Students

c) What is the difference between the most and the least favorite food?

Most favorite food – Barbeque - 12 Students

Least favorite food -- cookies- 4 Students

Difference = $12 - 4 = 8$ Students

d) What is the total number of students in level 4 ?

$10 + 8 + 4 + 12 + 6 =$ 40 Students