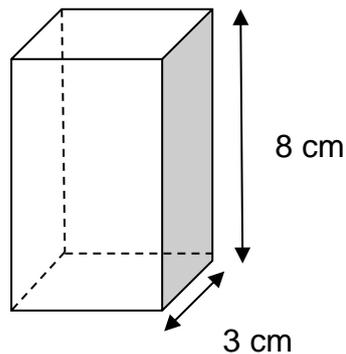


Questions 21 to 30 carry 2 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (20 marks)

21. Mrs Lim bought 2 large pies. She and her 3 children shared the pies equally among themselves. What fraction of the pie did each of them get?

Ans : _____

22. The diagram below, not drawn to scale shows a cuboid with a square base. Find the volume of the cuboid.



Ans : _____ cm³

23. Find the average mass of the following fruits below.



Watermelon
3 kg



Apple
30 g



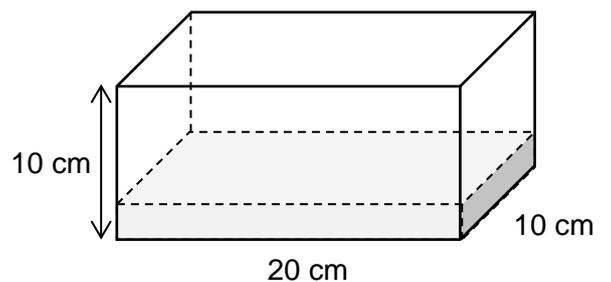
Pear
27 g

Ans : _____ g

24. Alan will donate \$5 to the charity for every \$100 that he earns. How much will he donate to the charity if he earns \$3000?

Ans : \$ _____

25. A rectangular tank measuring 20 cm by 10 cm by 10 cm is $\frac{1}{4}$ filled with water. How much water is there in the tank? Give your answer in litres.
(The figure is not drawn to scale)

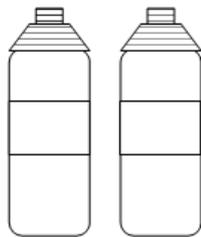


Ans : _____ litres

26. A number has seven factors. Four of the factors are 1, 2, 4 and 32. Two of the remaining factors are smaller than 32. What are these two factors?

Ans : _____ and _____

27.



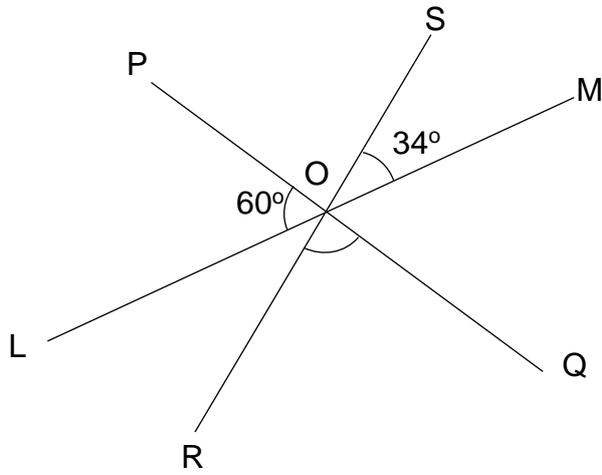
Refresh mineral water

\$1.35 for 2 bottles

Bob has only \$4.50. How many bottles of Refresh mineral water can he buy **at most**?

Ans : _____ bottles

28. In the figure below, not drawn to scale, LM, PQ and RS are straight lines. Find $\angle ROQ$.



Ans : _____^o

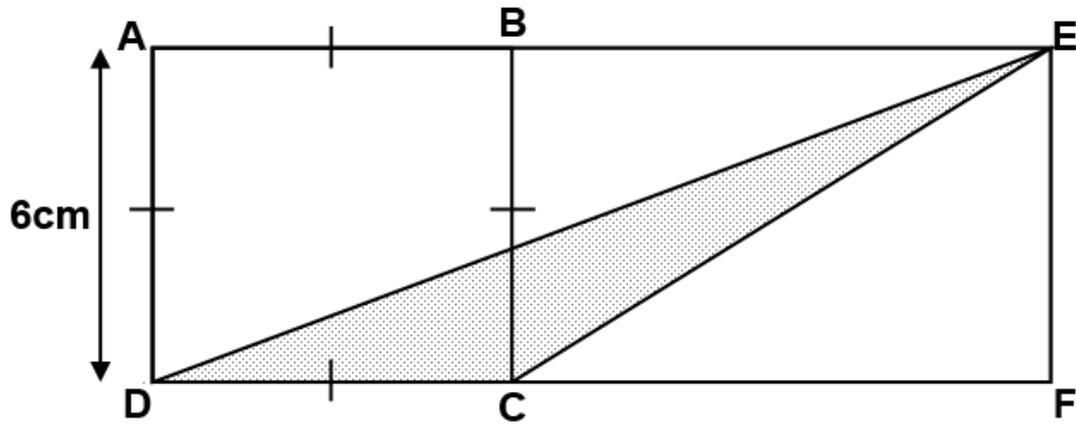
29. The table below shows the wages paid to employees of XYZ Company.

Day	Wage
Mondays to Fridays	\$5 per hour
Saturdays and Sundays	\$10 per hour

Jim works at XYZ Company for 6 hours each day from Friday to Sunday. How much will Jim be paid?

Ans : \$ _____

30. The figure is made up of a square ABCD, a rectangle BCFE and a triangle CDE. Find the area of Triangle CDE.



Ans : _____cm²

END OF BOOKLET B