



Preface

Primary 6 Maths Complete Smart Series is specially written to cater to the needs of Primary 6 pupils. The topics are written based on the latest MOE syllabus.

In each topic, there is a large variety of exercises to provide pupils with more practice. Each exercise consists of a variety of sums including fill in the blanks as well as word problems.

Word problems have been included to test the pupils' knowledge of the concepts. Detailed worked solutions are provided to help pupils understand better and to assist parents in coaching their children.

Four separate authors have put in their time and effort to come up with questions, each with their own unique approach.

Therefore, pupils can look forward to a wide variety of questions, each with a different style.

There is no doubt that a book with all these qualities will be an excellent guide and we sincerely hope that pupils will take the exercises seriously to help them prepare for the examinations.

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3

Fill in the blanks.

(a) $\$5a =$ _____ cents

(b) $144b \text{ ml} =$ _____ l

(c) $6.3k \text{ metres} =$ _____ centimetres

(d) $895j \text{ cents} = \$$ _____

(e) $2450v \text{ grams} =$ _____ kg

(f) $2t \text{ hours} =$ _____ minutes

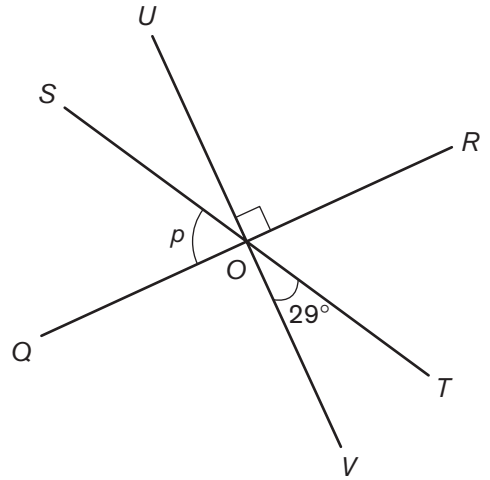
4

Write an algebraic expression for each of the following.

(a) Patrick saves 80 cents per day. How many days will he take to save $\$12x$?**(b)** Lisa has $(8p + 30)$ beads. She has $2p$ more beads than Cindy. How many beads does Cindy have?

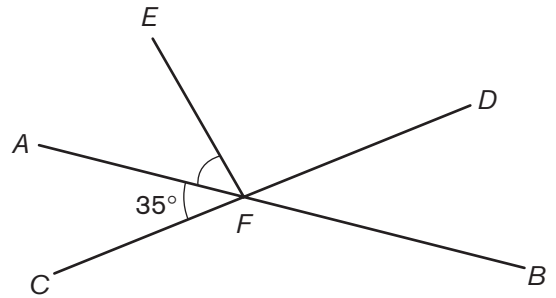
2

In the figure below, QR , ST and UV are straight lines. Find $\angle p$.



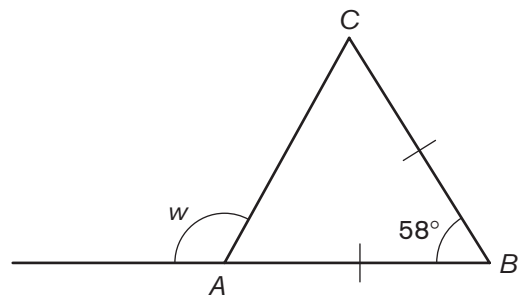
3

In the figure not drawn to scale, the ratio of angles $\angle EFD$ and $\angle AFE$ is $3 : 2$. Find $\angle AFE$.



4

(a) In the figure given below, ABC is an isosceles triangle. Find $\angle w$.



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Name the following solids based on the given description.

(a) The solid has 6 square faces.

It is a _____.

(b) The solid has 2 circular faces and a curved face.

It is a _____.

(c) The solid has 4 triangular faces.

It is a _____.

(d) The solid has 2 square faces and 4 rectangular faces.

It is a _____.

(e) The solid has 2 triangular faces and 3 rectangular faces.

It is a _____.

(f) The solid has a circular face and a curved face.

It is a _____.

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The figure below shows a pyramid consisting of four isosceles triangular faces and a rectangular base. Complete the net of this pyramid within the grid provided below.

(a)

