



**E-book Code:
REAU0001**



For Junior Primary

Maths Problem Solving for Juniors Book 1

**Problem solving strategies
and practice activities
for the classroom.**

Written by Lynne Stephenson. Illustrated by Rod Jefferson. © Ready-Ed Publications - 1996.
Revised by Ready-Ed Publications (2016) P.O. Box 276 Greenwood W.A. 6024
Email: info@readyed.com.au Website: www.readyed.net

COPYRIGHT NOTICE

Permission is granted for the purchaser to photocopy sufficient copies for non-commercial educational purposes. However, this permission is not transferable and applies only to the purchasing individual or institution.

ISBN 978 1 87526 824 5

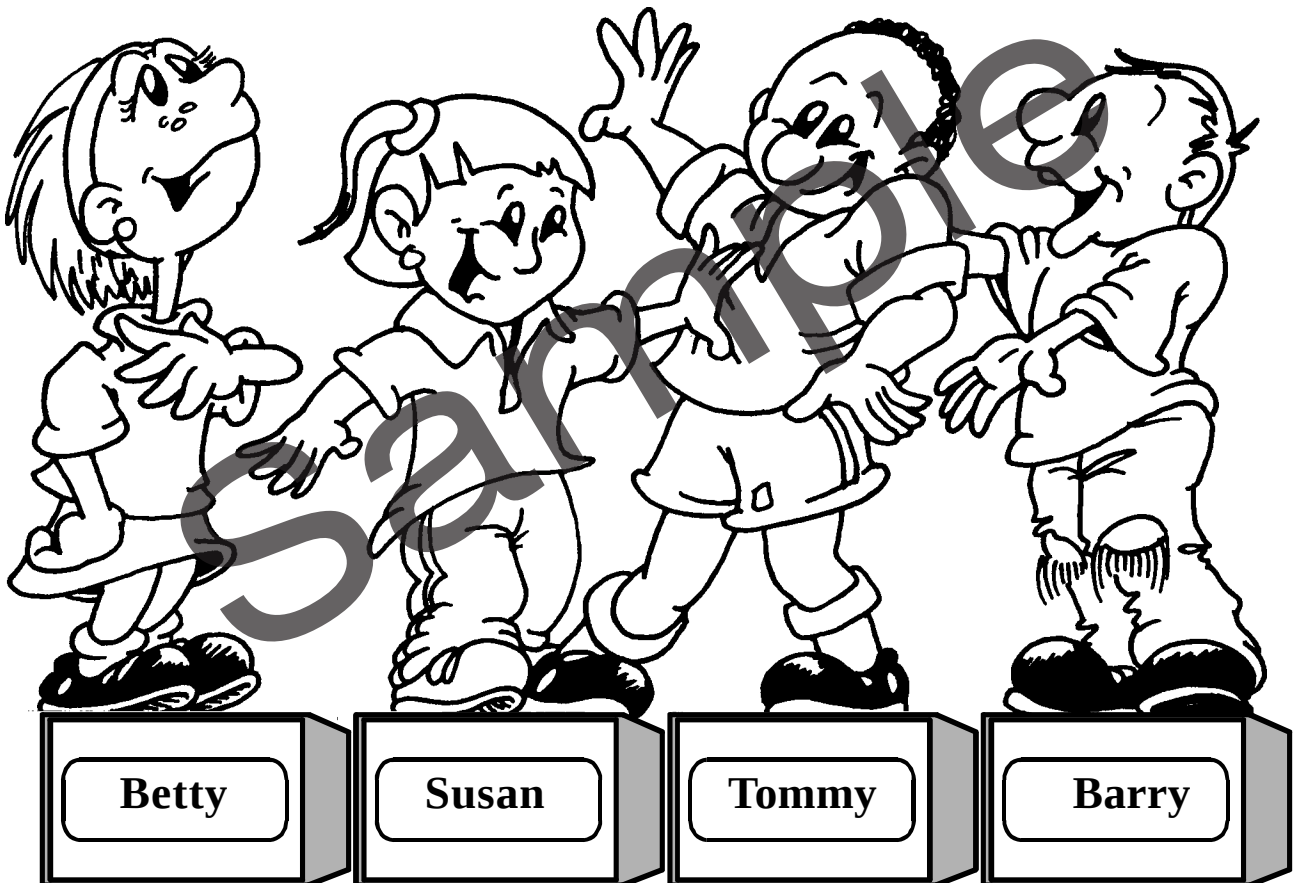
Book 1 Contents Page

ACTIVITIES	Page
Section 1 - Developing Logical Thinking	5
Which Dog Belongs To The Smiths?	6
Which Child is Going To The Circus Tomorrow?	7
Help Sam Find Harry's House	8
Luke's Caterpillars	9
A Running Race	10
Sports Puzzle	11
Time For Games	12
Playing Cards	13
Section 2 - Using Number Concepts To Develop Logical Reasoning	14
An Insect Collection	15
Surrounded By Numbers	16
Shape Count	17
Masked Numbers	18
Matchstick Construction	19
Mystery Number	20
Balloons For Sale	21
Dress Up The Scarecrow	22
Tabby's Food	23
Section 3 - Developing Visual Imagery	24
Shapes In Shapes	25
Triangles In Shapes	26
Shape It	27
Trying Triangles	28
Build And Count	29
More To Build And Count	30
Folding Triangles	31
Folding Rectangles	32
Section 4 - Pattern Perception	33
Pet Parade	34
A Day At The Beach	35
Block Patterns	36
Grid Patterns - 1	37
Grid Patterns - 2	38
Answers	39, 40

Which Child Is Going To The Circus Tomorrow?

Use the clues below to help you decide.

- ☐ The child has dark shoes.
- ☐ The child is standing on only one box.
- ☐ The child is not wearing a dress.



Write your answer here _____

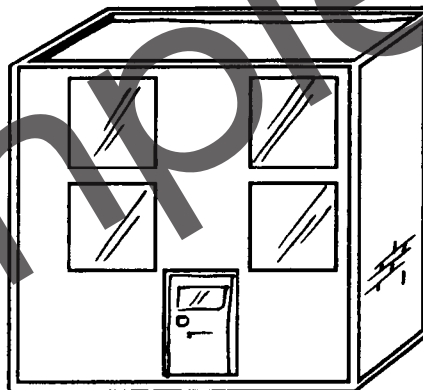
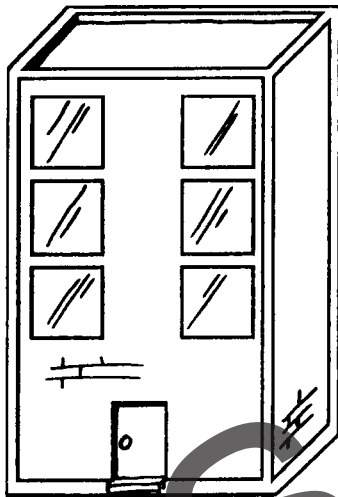
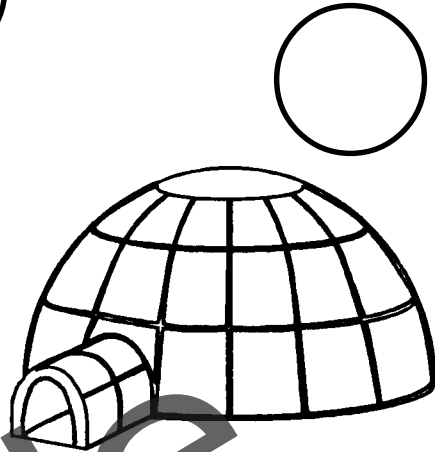
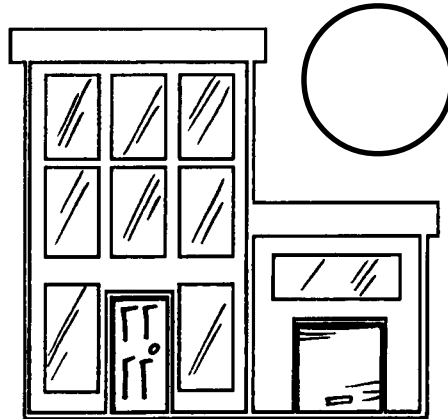
Colour:

The children who won't go to the circus in **red** and **blue**.

The child who will go to the circus in **brown** and **green**.

Name:

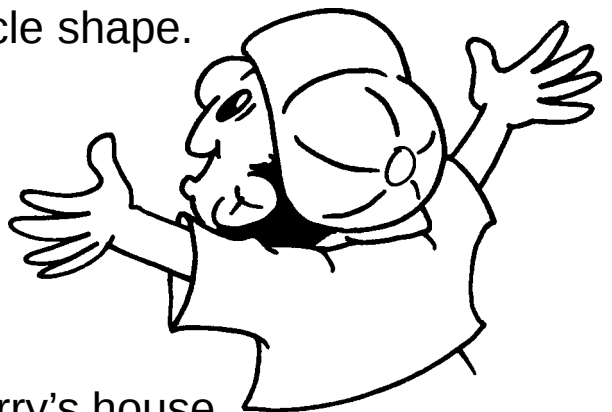
Help Sam Find Harry's House

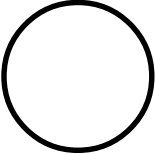


☐ Harry's house is not a half-circle shape.

☐ It is not a cube shape.

☐ It does have square windows.

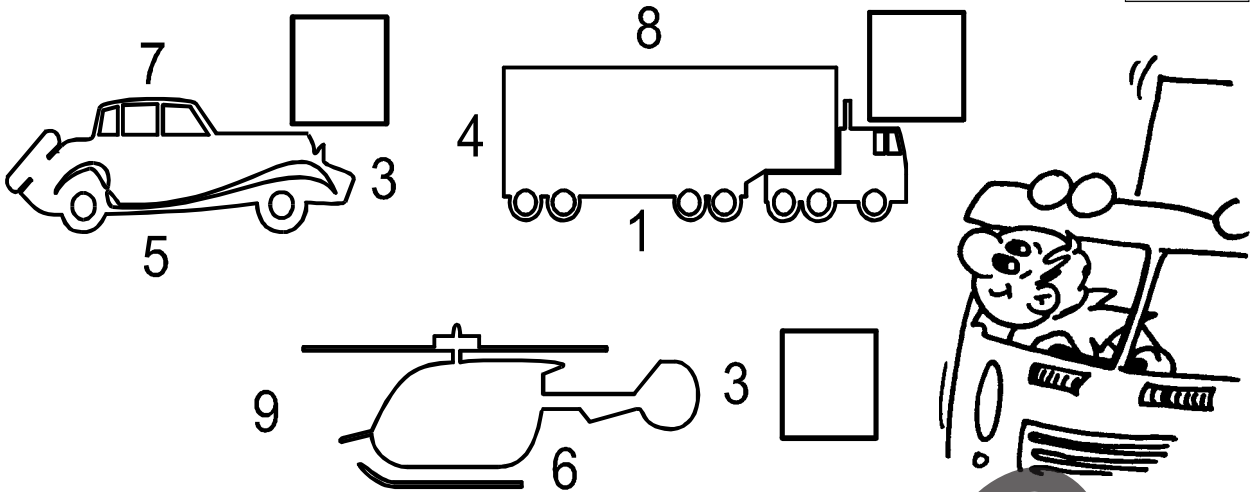
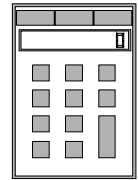


Tick the  which shows Harry's house.

On another piece of paper draw a house that you would like.

Make sure it has some **square** parts and some **round** parts.

Surrounded By Numbers



WRITE THE NUMBER SENTENCES

1. Add the number above the car to the number under the truck.

$$\underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad}$$

2. Add the number behind the truck to the number under the car.

$$\underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad}$$

3. From the number in front of the helicopter take the number in front of the car.

$$\underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad}$$

4. Take the number in front of the car from the number above the truck.

$$\underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad}$$

5. In the boxes write the total of the numbers around each picture.

6. Colour the picture with the highest total around it.

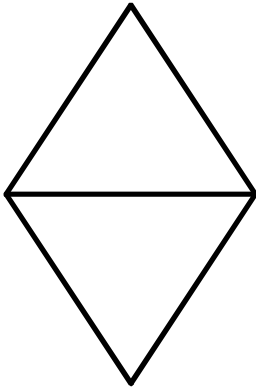
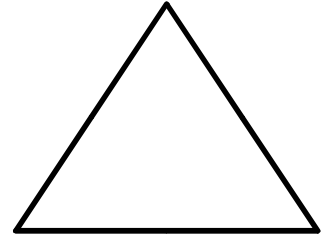
Name:

Triangles in Shapes

Trace this triangle onto a piece of paper.

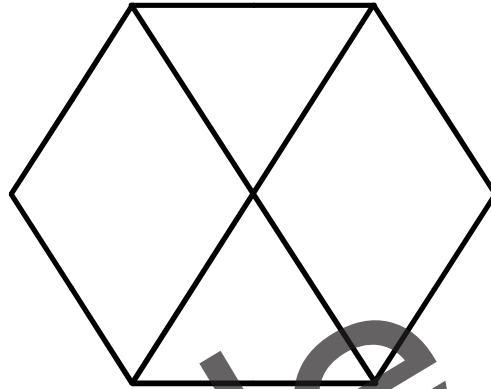
Cut it out.

Use it to show how many triangles like this were used to make the shapes below.



This diamond is made

up of _____ triangles.



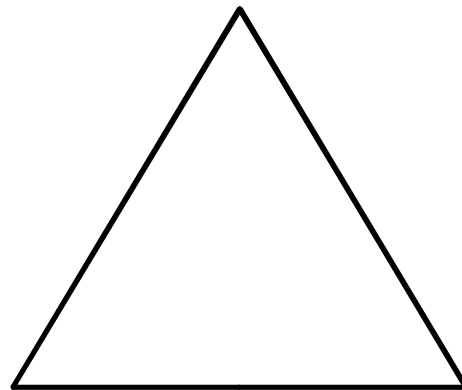
This hexagon is made

up of _____ triangles.



This parallelogram is made

up of _____ triangles.



This larger triangle is made

up of _____ triangles.

- ☐ Make up a shape of your own which is made up of ten of the triangles.