Maths Homework.   Term 3 2013   Name:

Choose 2 problems from the rubric to do each week. Date and highlight each completed problem to show the teacher. Read the questions carefully and choose the appropriate maths strategies to solve them. You might like to draw a table, draw a diagram, work backwards or break it up into smaller parts…and don't forget to **record, record record using your think board. Have fun.**

A. The difference between two numbers is 5. What might the two numbers be? Record 10 ways you can solve this	B. Ten birds were in a tree. Some flew away. How many flew away and how many were left in the tree?	C. If the answer is 24, what are the questions? How many ways can you solve this?
D. Darren is three years older than Mark. How old is Darren if Mark is 12? Complete the table using this information <table><tr><td>Darren</td><td>Mark</td></tr><tr><td>14</td><td></td></tr><tr><td></td><td>28</td></tr><tr><td>56</td><td></td></tr></table>	E. There were 20 legs altogether under the fence. How may are ducks and how many are dogs?	F. There are 24 wheels altogether in the car park. How may are cars and how many are motorcycles?
G. How many buses will take 150 students, 10 teachers and 12 parent helpers to the zoo if each bus can hold 63 people maximum? What is the total cost if each bus costs $350.00?	H. A book costs $6.70. Jane saves 50c each week. How many weeks will it be before she can buy it?	I. Sixty-four per cent of the children in school are girls. What percentage are boys?
J. The side of a square is five metres. What is the area of the square?	K. A bus trip starts at ten fifty. It lasts thirty-five minutes. At what time does it finish?	L. The temperature outside is minus three degrees Celsius. What will be the temperature after it rises seven degrees?
M. A person builds a house with 4 sides. It is a rectangular structure with each side facing south. A bear comes wandering by. What is the colour of the bear?	N. A boy ate 100 cookies in five days. Each day he ate 6 more than the day before. How many cookies did he eat on the first day?	O. There are about 20 potatoes in a 5 pound bag. A restaurant uses about 2 potatoes per order of French Fries. They charge $.95 for an order of Fries. How much money does the restaurant take in on a day that they use 400 pounds of potatoes?

Maths Homework. Term 3 2013 Name:

Choose 2 problems from the rubric to do each week. Date and highlight each completed problem to show the teacher. Read the questions carefully and choose the appropriate maths strategies to solve them. You might like to draw a table, draw a diagram, work backwards or break it up into smaller parts…and don't forget to **record, record record using your think board. Have fun.**

P Your heart pumps about 5 quarts of blood through its chambers every 60 seconds. A swimming pool (20 ft. x 60 ft.) will hold about 65,000 gallons of water. This represents the amount of blood pumped by your heart in approximately how many weeks?	Q Vladmir builds 3 legged stools and 4 legged tables. Last month he used 72 legs to build 3 more stools than tables. How many stools and how many tables did he build?	R If our grade of 25 students has a pizza party What will I need to buy and how much will I charge each person?
S. Lin is packing 34 cakes into boxes Each full box holds 5 cakes. What is the smallest number of boxes Lin needs to pack all the cakes?	T. What is the angle when the clock hands make half past 3? At what other times do the hands make a right angle? What is the time when the clock hands make angles of 45 degrees?	U. Suppose you have a broken calculator and the only buttons that work are 3,5,0,X and =. What calculations can you work out the answer to?
V. I have multiplied a 3 digit number by a one digit number and my answer is a 4 digit number. What could my equation be? Give 3 examples.	W.I multiplied 15 by a decimal number and got an answer less than 15. What might be the decimal that I multiplied 15 by? Give as many possibilities as you can.	X.I multiplied two decimal numbers on a calculator and I got a whole number answer. What might the two decimal numbers have been?
Y ☐ X ☐ = ☐ Solve the equation and find the related facts	Z I am 3 digit number. I am an odd number. The digit in the middle is even. The numbers are consecutive. If you add my 3 digits it adds up to 12.	ZZ I am a prime number. There are no curved lines in my number. You can form a triangle with my two digits.