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HOW TO USE THIS eWORKBOOK

Think About Maths - 1 is packed with stimulating maths activities for **ages 6-8**. It contains a detailed parent's guide and 12 eWorksheets, designed to build maths skills and confidence. The open-ended eWorksheets require decision making and problem solving, nurturing the child's risk-taking skills.

THE PARENT'S GUIDE

The parent's guide provides a wealth of stimulating activities to further enrich the child's thinking and learning. Each eWorksheet is accompanied with warm-up and follow-up activities, designed to equip parents with professional teaching ideas, that help consolidate maths concepts.

THE eWORKSHEETS

- are designed to provoke thinking and build skills
- invite children to make decisions and think for themselves
- are open-ended with more than one "right" answer
- conclude with a think task, encouraging a higher level of thinking





PARENT TIPS

- Carefully read the instructions to the child.
- Offer praise and encouragement for all efforts made by the child.
- Reprint the eWorksheets and encourage the child to explore new answers.
- Propose the think tasks while out shopping, during dinner, while driving or in the bath.
- Include older children or adults in the think tasks to promote broader thinking.

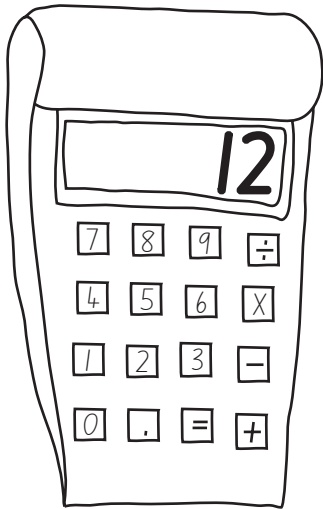
PRINTING TIPS

- It is not necessary to print the cover, introduction and parent's guide. These pages can be read and revisited on your computer screen. To save paper and printing costs, print only the eWorksheets; pages 1-12.
- The eWorksheets are designed to be printed in either colour or black (grayscale).
- If the eWorksheets do not print correctly, refer to printing help and tips in the Adobe® Reader® software.



Page & Title	eWorksheet Objectives	Targeted Thinking Skills	eWorksheet Warm-up	eWorksheet Follow-up
<p>1 - Maths Words</p> 	Create a simple concept map about maths.	<ul style="list-style-type: none"> • Compare • Determine • Classify • Categorise 	<p>Provide a newspaper or magazine and ask the child to cut out any words or pictures related to maths.</p> <p>Ask the child to stick these on the back of the worksheet to make a maths collage.</p>	<p>Give examples of daily situations where you use maths and ask the child to do the same.</p> <p>Ask the child to brainstorm occupations that largely require the use of maths.</p>
<p>2 - Writing Numbers</p> 	Invent a new number representation system.	<ul style="list-style-type: none"> • Analyse • Determine • Solve • Originate • Compose 	<p>Ask the child if they know of any other ways that numbers may be represented now or in the past.</p> <p>Discuss the ways in which numbers can be represented on clock faces.</p>	<p>Ask the child to make a list of household objects that have numbers displayed on them.</p> <p>Discuss the purpose these numbers serve.</p>
<p>3 - Numbers</p> 	Represent numbers in a variety of written forms.	<ul style="list-style-type: none"> • Recall • Relate • Interpret • Formulate 	<p>Play "Which Number Am I?" with the child. Provide 3 clues and ask the child to guess the number you are thinking of e.g. "I'm an even number, I'm less than ..", "I'm half of ..".</p> <p>Reverse the roles and ask the child to provide the clues, and you guess the number.</p>	<p>Ask the child to design a poster that teaches young children the numbers 1 to 20.</p> <p>Display the child's poster.</p>
<p>4 - Number Facts</p> 	Record number sentences using addition, subtraction, multiplication or division.	<ul style="list-style-type: none"> • Analyse • Apply • Solve 	<p>Present the child with some simple number problems using materials around the house e.g. 10 cheese sticks and 2 cheese sticks. How many all together?</p> <p>Ask the child to draw a pattern using the four signs +, -, x and ÷.</p>	<p>Ask the child to design a game that helps children learn addition, subtraction, multiplication or division. Provide dice, cardboard, straws and blank playing cards.</p> <p>Encourage the child to explain the rules of the game. Play the game with the child.</p>

How can you make 12 ?

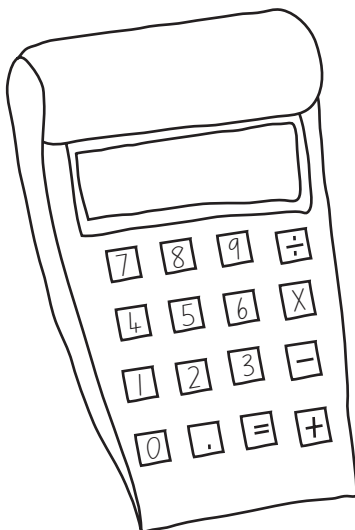


= 12

$6 + 6 =$

$6 \times 2 =$

Choose a number and write it on the calculator screen.
How can you make this number ?



think and JUDGE

Addition is easier than subtraction.
Give reasons for or against this idea.