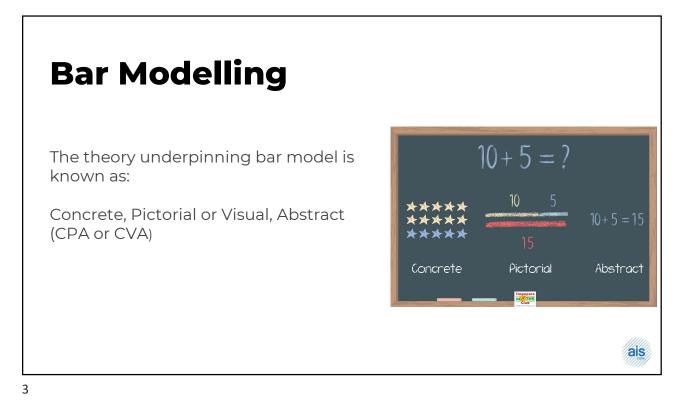
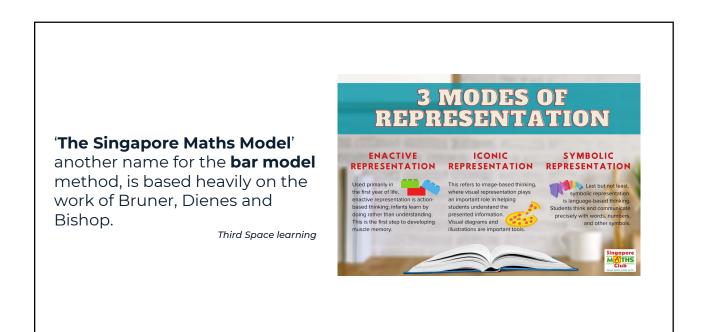


What will be in this presentation?

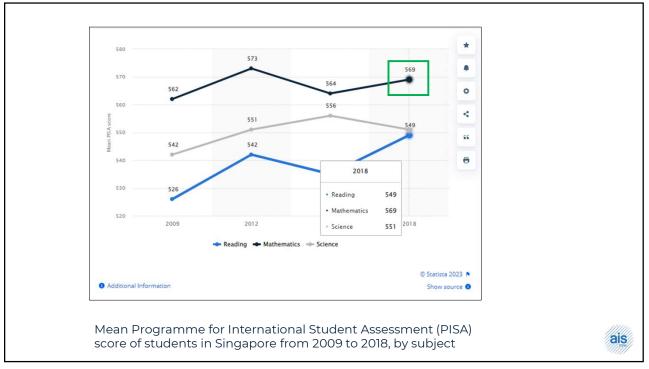
- The origins of bar modeling
- An overview of the bar modelling process
- Top tips for teachers in how and when to use bar models
- Resources to support teachers.

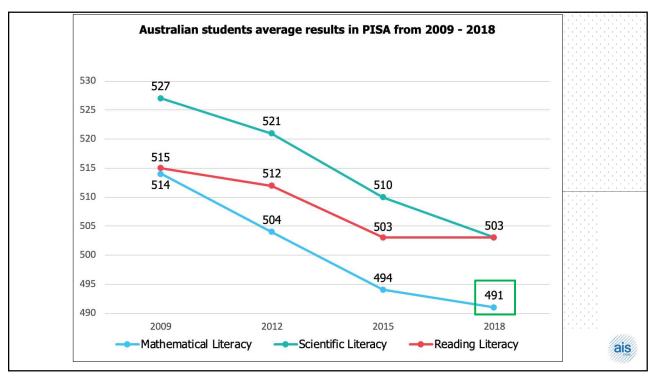
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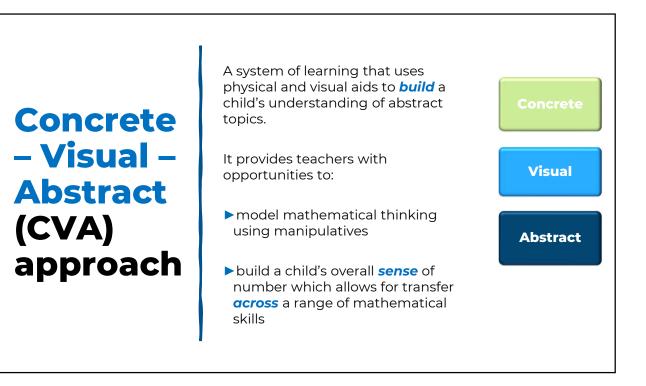


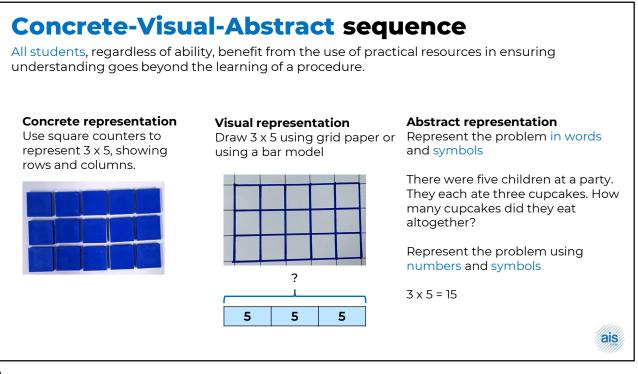


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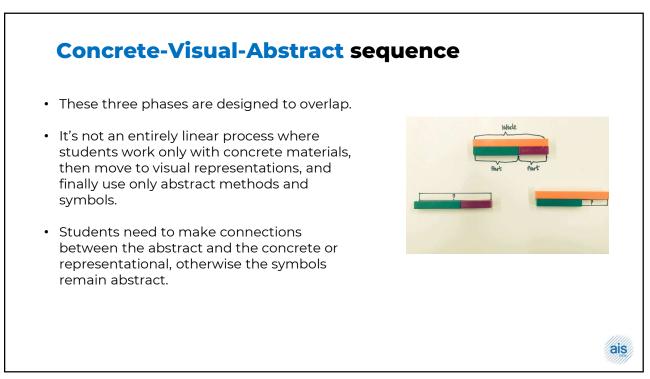


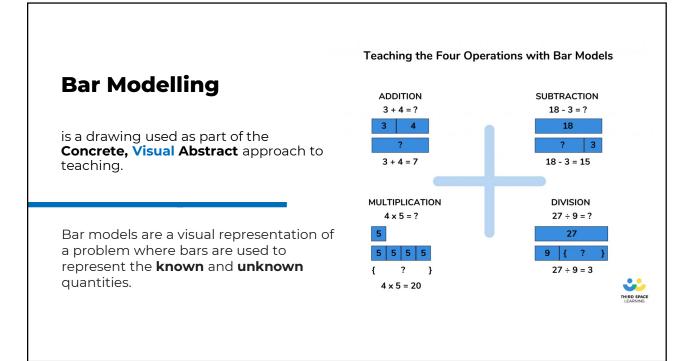


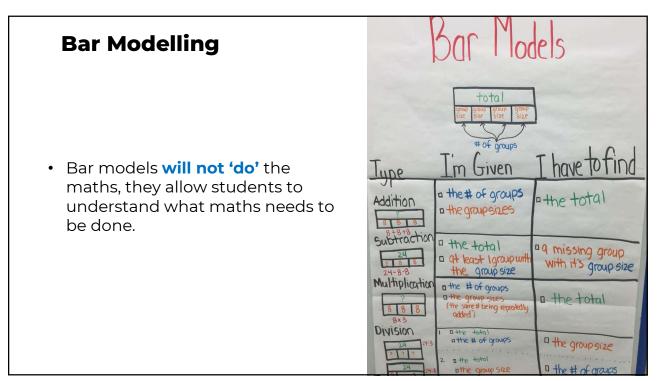


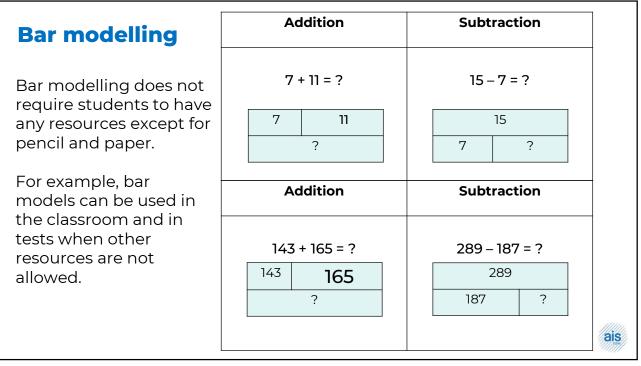


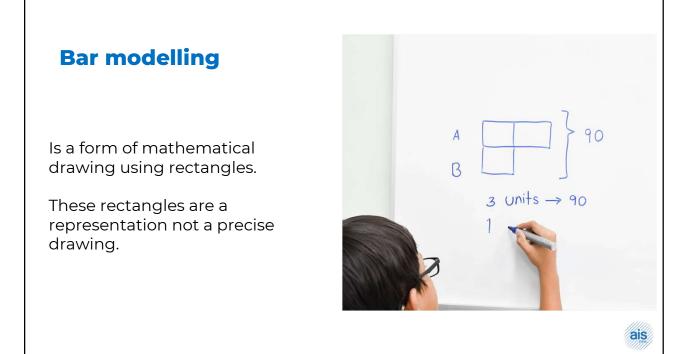
If Joe has 2	te-Visual-Abstract sequence 24 stickers and Sally has three times as many stickers as many stickers do they have altogether?
	is to model and demonstrate that there are three groups with 24 in each group $ \begin{array}{c} $
Then use a bar groups with 24	model to represent the three in each group
Joe	24
Sally	

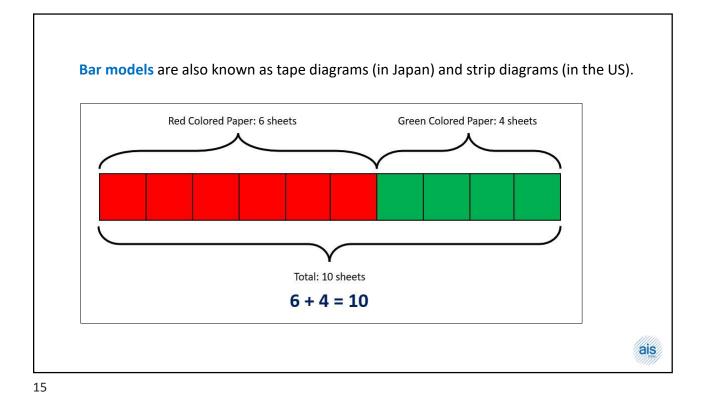


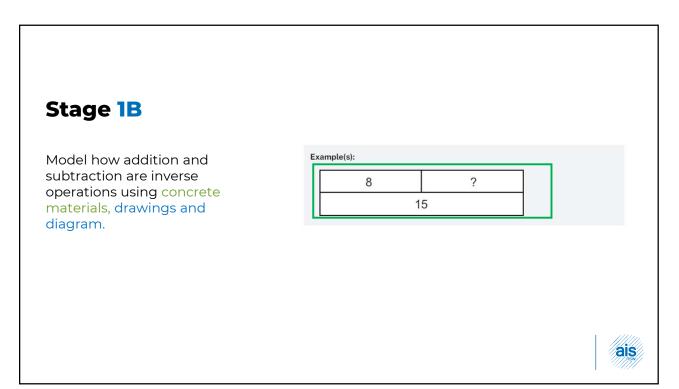


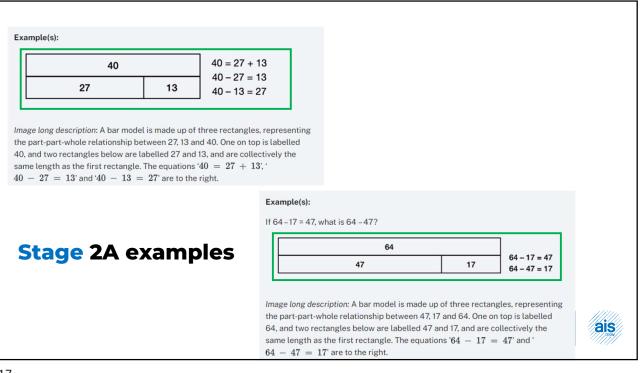


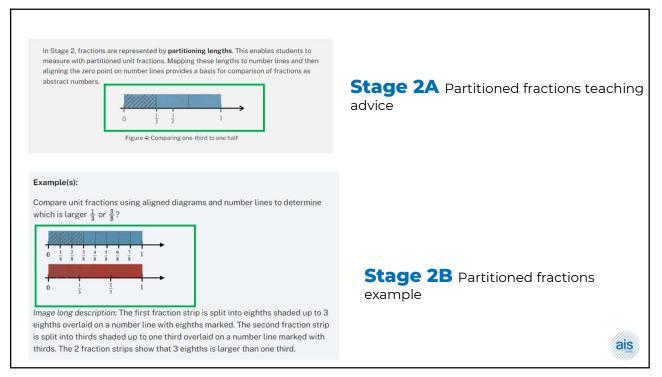


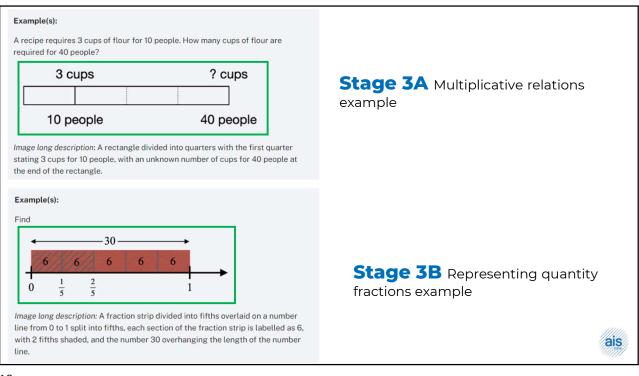




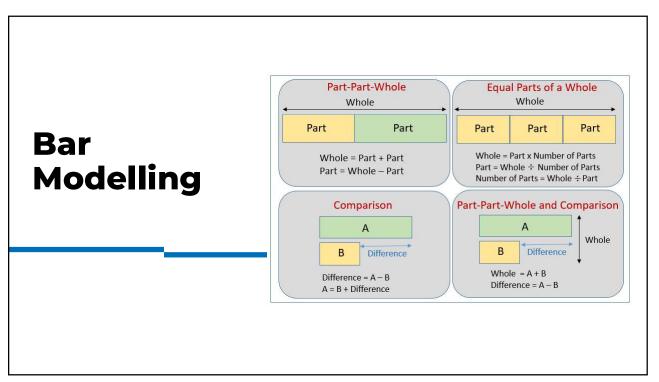


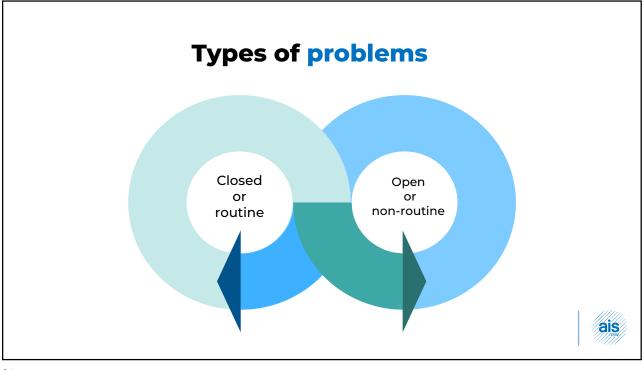


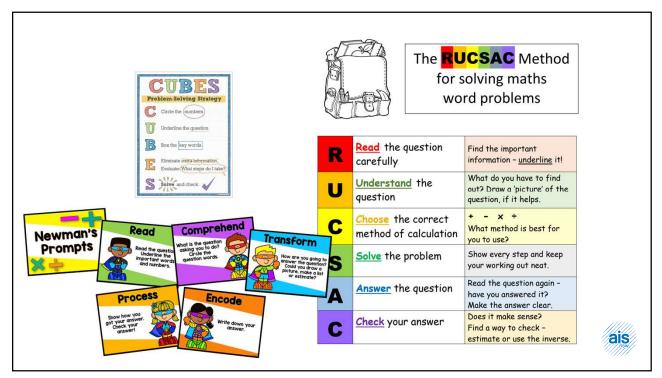




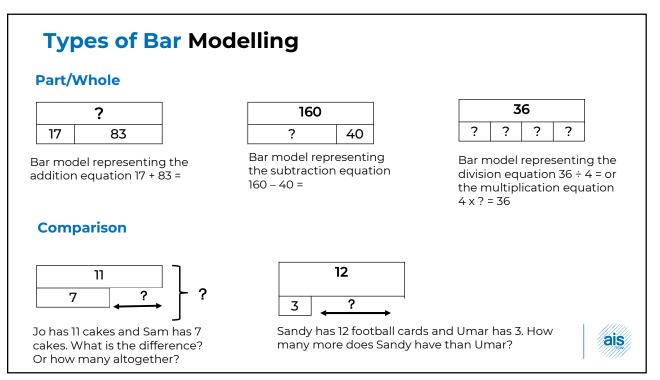


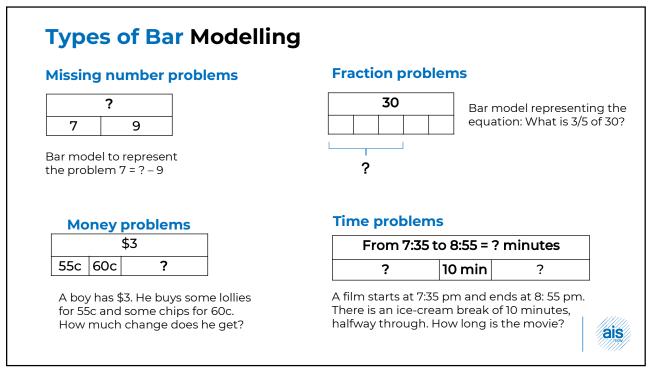


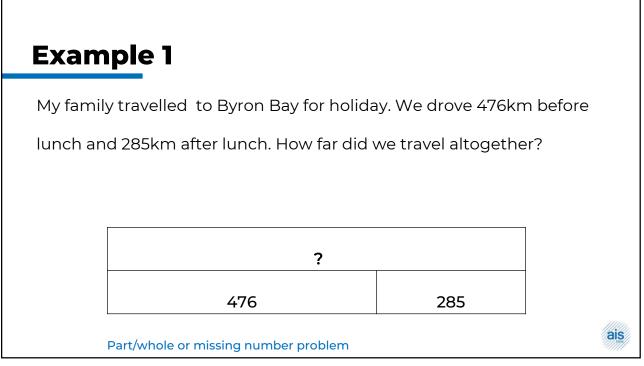


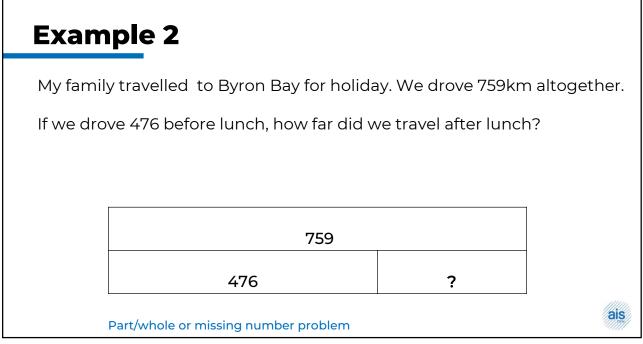


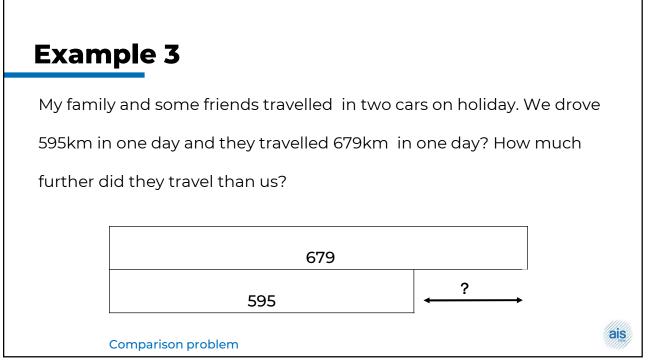


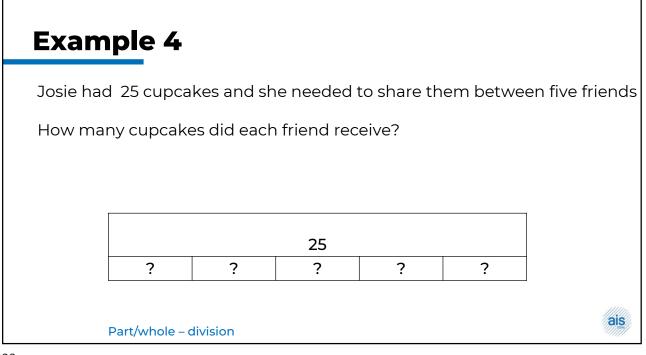


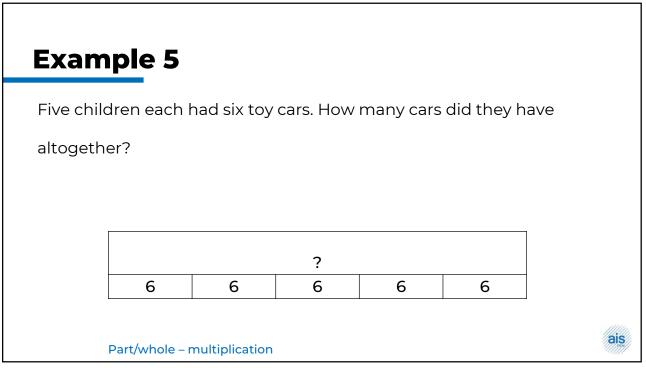


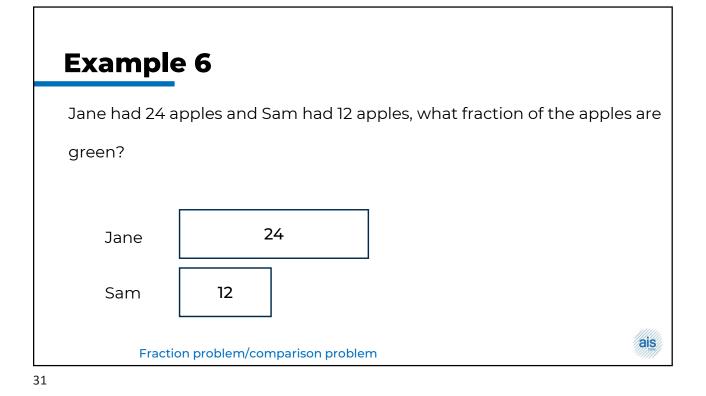












 Example 7 – two step problem

 I spent \$1000 altogether, buying a Nintendo game boy and some games. I

 spent \$4 of my money on the Nintendo. How much did I spend on games?

 How much money did I spend on the Nintendo?

 \$1000

 \$1000

 \$1000

 \$1000

 \$1000

 \$1000

 \$1000

 \$1000

 \$1000

 \$1000

 \$1000

 \$1000

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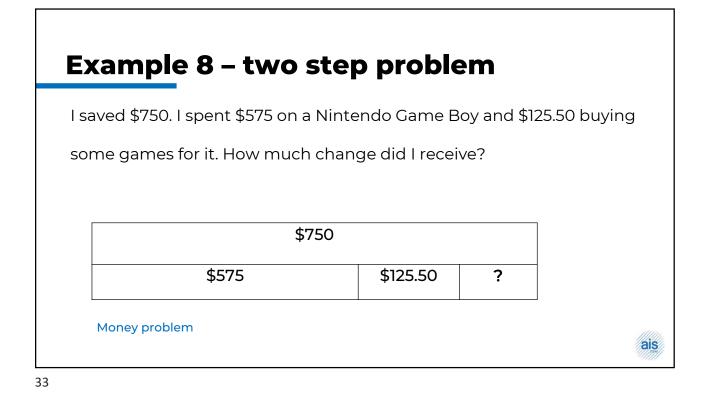
 \$1000

 \$1000

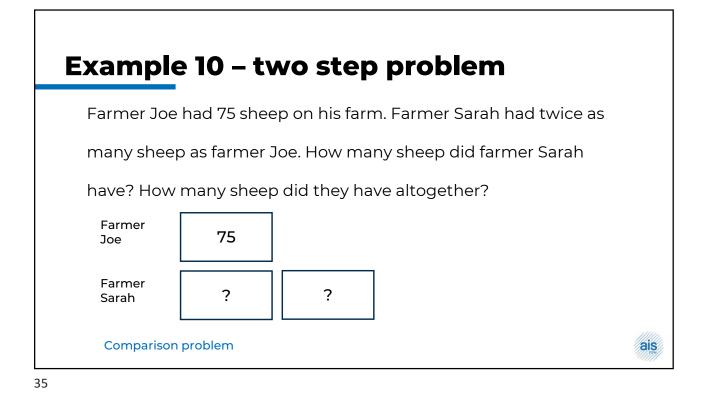
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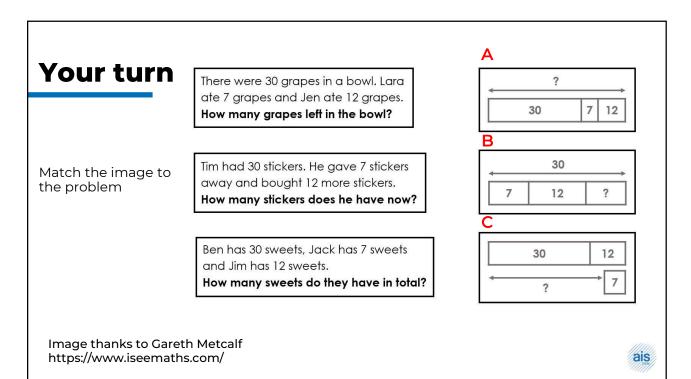
 \$1000

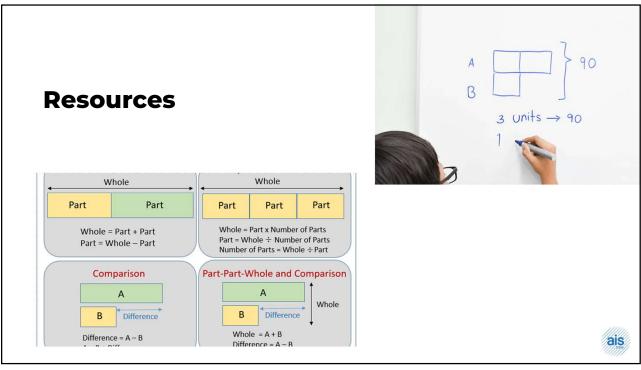
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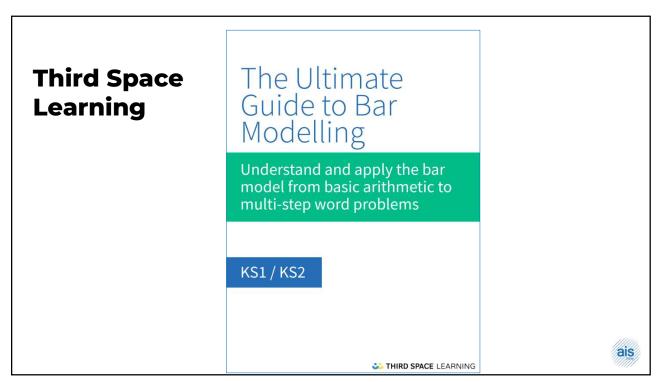


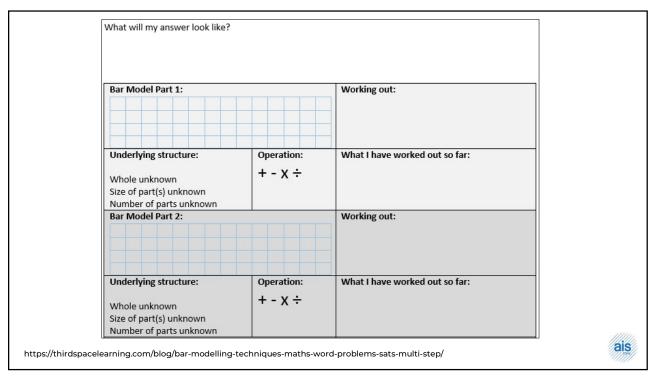
_							
Example 9	- two s	tep p	orob	lem			
There were 600) people at t	he one-	day cric	ket test match			
seated in 5 secti	seated in 5 sections. 2235 were seated in Section A, 1062 in						
Section B, 823 in Section C and 227 in section D.							
How many peop	How many people were seated in Section E?						
	e	5000	_				
2235	1062	823	227	?			
Missing number pro	oblem – additior	n and subti	action		///		
					di		



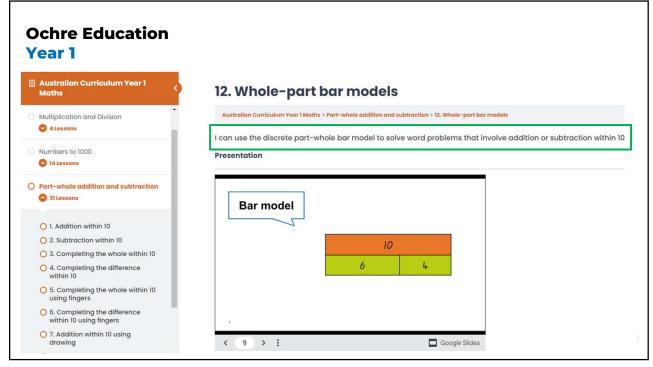


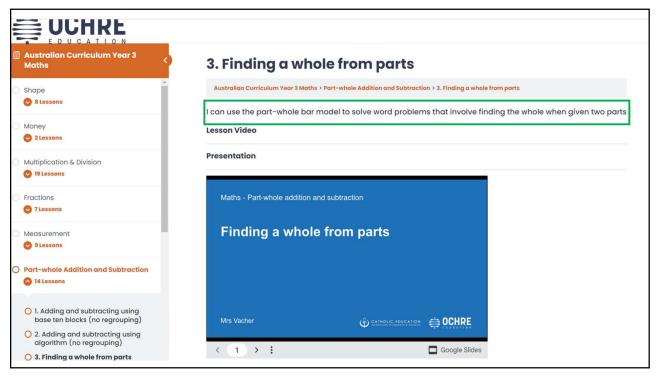




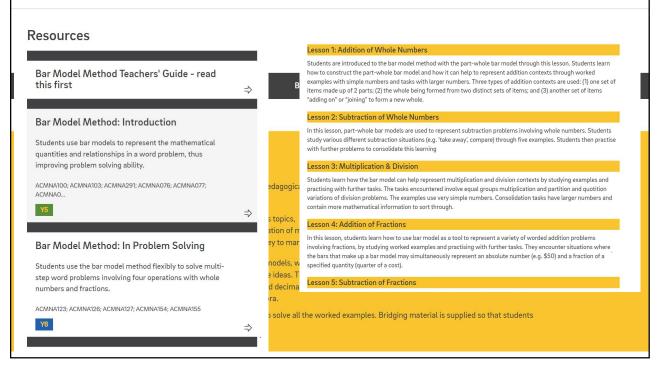


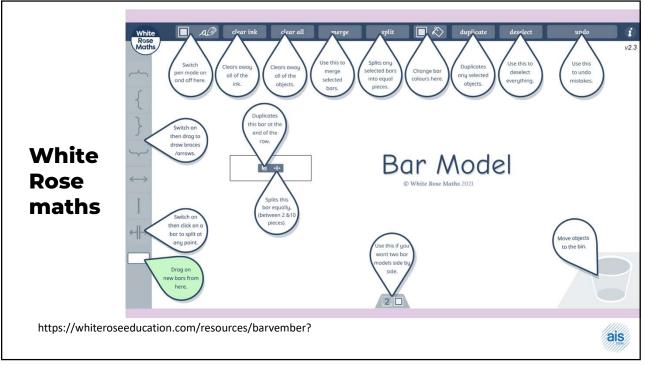


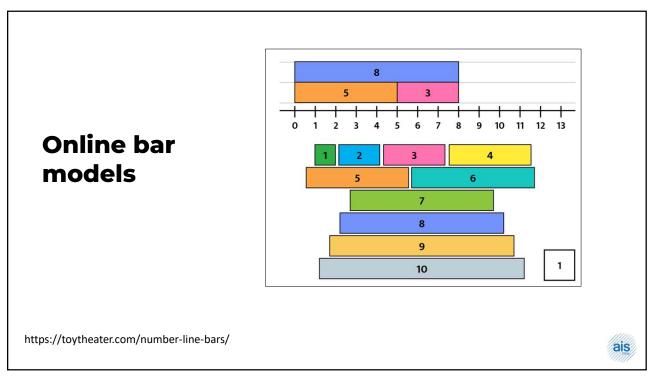


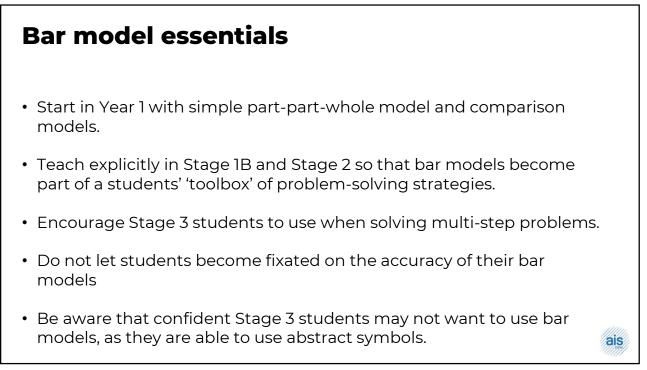


re	re (Solve)											
TE4	ACHING RESOURCE	S	PROFESS	IONAL LEARNI	NG	OURWOR	ĸ	SIGN	UP			
Te	Teaching resources											
	reSolve teaching resources are sequences linked to the Australian curriculum content descriptors and proficiency strands of fluency, understanding, problem solving and reasoning. Sequences vary in length from a single lesson to long term investigations.											
Eac	Each teaching resource is carefully designed to develop progressive understanding through tasks that encourage a spirit of inquiry.											
	Each resource download comes packaged with all the materials needed to deliver the sequence, including an overview, lesson plans, slideshows, student worksheets, spreadsheets etc.											
Use	Use the search bar below to filter resources by strand and year, or to search for keywords, topics, or curriculum descriptors.											
	X Clear Filters	SEARCH										Q
CO	NTENT STRAND	Number &	Algebra	Measuremen	nt & Geometry	Statisti	cs & Prob	ability				
YEA	AR	F Year 1	Year 2	Year 3 Yea	a r 4 Year 5	Year 6	Year 7	Year 8	Year 9	Year 10		
											A	PPLY









	Contact Information
ہ Finding fractions of an amount using bar models	Education Consultants: Teaching and Learning Henrietta Miller 🖂 hmiller@aisnsw.edu.au
2	
Sami has 12 balloons. $\frac{2}{3}$ of them are green. How many are green?	Teaching and Learning Level 12 99 York Street Sydney NSW 2000 AUSTRALIA
You are learning to solve fraction problems	☐ +61 2 9299 2845
	Www.aisnsw.edu.au The Association of Independent Schools of NSW Limited