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## mathskills4kids

Name:	Class:	
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## Divide 4-digit numbers by 2-digit numbers: word problems

a.	A group of 4,924 people is boarding a cruise ship tour. If each cruise ship can hold	84
	people, how many people will be on the last cruise ship.	
	To solve this, let's divide the total number of people by the number of people ea	ach
	cruise ship can hold.	
	4,924 ÷ 84	
	58	, 200 to 1
	84 4924	0000
	- 420 So, the remainder is 52	
	724	
	- 672 Hence 52 people will be on the last cruise ship.	
	52	
b.	A printing press needs to send <b>8,100</b> new textbooks to its publishing company. If	
	each box can hold 90 textbooks, how many boxes will the printing press need?	
	To solve this, let's divide the total number of textbooks to be sent by the numbe	r
	of textbooks each box can hold.	
	8,100 ÷ 90	
	90 8100	
	- 810 -	
	00	
	Hence, the printing press will need 90 textbooks.	
c.	Andy works at a private art gallery. Today, they managed to sell a total of 42 painting	ngs
	for \$ 2,100. How much did each painting cost if they had the same sale price?	
	To solve this problem, let's divide the total cost of all the paintings by the number	er

of paintings sold

\$ 2 100 ÷ 42 = \$ 50	50
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