Equivalent Ratios Worksheet

a.	The ratio of the width of the rectangle to the height of the rectangle is to										
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										J	
b.	If each	square	e in the	grid h	as a sid	e lengt	th of 8	mm, w	hat is	the width and height of the rectangle?	
		3 quan		g			0. 0	,		and the trade to get of the testinger	
										amount of milk they drank every day. Jasmine	
drank a.							-			ch day. o the number of pints of milk Brenda drank each	
	day.				. о. р					, and training of prints of think section section section	
	Banzas			wla wie	h	dlassa					
b.	Kepres	ent th	is scena	irio wit	n tape	aiagra	ms.				
c.					lent to	2 cups	of mil	k, how	many	cups of milk did Jasmine and Brenda each drink?	
	How d	o you i	(now?								
d.	Write	a ratio	of the	numbe	r of cu	os of m	ilk Jasr	nine dr	ank to	the number of cups of milk Brenda drank.	
e.	Are th	e two r	atios v	ou dete	ermine	d equiv	ralent?	Explai	n why	or why not.	
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Equivalent Ratios Worksheet

a.	The ratio of the width of the rectangle to the height of the rectangle is to											
b.	If each square in the grid has a side length of $8\ mm$, what is the width and height of the rectangle?											
	72 mm wide and 32 mm high											
	project in their health class, Jasmine and Brenda recorded the amount of milk they drank every day. Jasmine 2 pints of milk each day, and Brenda drank 3 pints of milk each day.											
a.	Write a ratio of the number of pints of milk Jasmine drank to the number of pints of milk Brenda drank each day.											
	2:3											
b.	Represent this scenario with tape diagrams.											
	Jasmine											
	Brenda											
c.	If one pint of milk is equivalent to 2 cups of milk, how many cups of milk did Jasmine and Brenda each drink How do you know?											
	Jasmine drank 4 cups of milk, and Brenda drank 6 cups of milk. Since each pint represents 2 cups, I multiplie Jasmine's 2 pints by 2 and multiplied Brenda's 3 pints by 2.											
d.	Write a ratio of the number of cups of milk Jasmine drank to the number of cups of milk Brenda drank. 4:6											
e.	Are the two ratios you determined equivalent? Explain why or why not.											

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2:3 and 4:6 are equivalent because they represent the same value. The diagrams never changed, only the

value of each unit in the diagram.