

Name:

	Identify Equivalent ratios			
	And the protice 12 , 14 and 40 , EC agriculant2			
a.	Are the ratios 12: 14 and 48: 56 equivalent?			
b.	Determine whether the following ratios are equivalent.			
	3 : 2 and 15 : 10			
c.	Are the ratios 8:7 and 2:14 equivalent?			
d.	Are the ratios22 : 24 and 58 : 66 equivalent?			
e.	Determine whether the following ratios are equivalent.			
	7 : 6 and 20 : 15			
f.	Are the ratios 16:14 and 4:28 equivalent?			

Class:





N.I.	CI	
Name:	Class:	Francosconocas

Identify Equivalent ratios

a.	Are the ratios 12:14 and 48:56 equiva	lent?
	Write the ratios as fractions. 12:14 = 12	Write 12 with a denominator of 56.
	Find the LCD to compare the fractions. multiples of 14: 14, 28, 42, 56 multiples of 56: 56, 112	14 14 x 4 56 So, since 12 and 48 are equal. 14 56
b.	LCD of 14 and 56 = 56. Determine whether the following ratios ar	Therefore, the ratios are equivalent.
J.	3 : 2 and 15 : 10	e equivalent.
	3:2= 3 2 15:10 = 15 10	So, since 15 and 15 are equal 10
	The LCD of 2 and 10 is 10. Write 3 with a denominator of 10. 2 3 2 3 x 5 2 15 2 2 x 5 10	Therefore, the ratios are equivalent.
c.	Are the ratios 8:7 and 2:14 equivalent	?
	8:7 = <u>8</u> 2:14 = <u>2</u> 14	So, since 16 and 2 are not equal.
	The LCD of 7 and 14 is 14. Write 8 with a denominator of 14. 7 8 = 8 x 2 = 16 7 7 x 2 14 2 = 2×1 = 2 14 14 x 1 14	Therefore, the ratios are not equivalent.