## 1.6 Equivalent Ratios (6.RP.3 and 6.RP.3a)

	Vocabulary	
井(	Unit Rate - a ratio that is simplified so that it has a denominator of ONC.	
<b>7</b> 2	simplify.	
	* make sure units are matched up	
	ded Practice termine if each pair of ratios or rates is <u>equivalent</u> . Explain your reasoning.	
	1.) \$24 saved after 3 weeks, \$52 saved after 7 weeks.  No, the unit	
· ·	\$24 : 3 (18) \$52 : 7 (17) rates are no two same.	
	3W:3 [IW] +W:7[IW] the same.	
	2.) 270 calories in 3 servings; 450 calories in 5 servings.	
		he
	3 Serv =3 [(Serv] 9 Serv =5 [(Serv] art equ	zai
	3.) Micah can do 75 push-up in 3 minutes. Eduardo can do 130 push-ups in 5 minutes.  Are the rates equivalent?	
	Company of the state of the sta	
	75 p ÷3 (25 p) 130 p ÷5 26 p 3 min ÷3 (1min) 5 m ÷5 (1min)	
	NO, Eduardo can do one more pushup per minut	е,
	4.) A human adult takes about 16 breaths in 60 seconds. A puppy takes about 8 breaths in 15 seconds. Are the rate equivalent? Explain your reasoning.	
~	adult 14 b 86 puppy 8 b 15 sec 15 sec	
<u>E</u>		
Cawas	No, they don't simplify to the same ratio.	
	illding on the Essential Question - How can you determine if two ratios are equivalent?	
	simplify both ratios and compare them	
	compare them	