

Name: _____

Class/Block: _____ Date: _____

Is it a Proportion?

Look at the two ratios. Decide if these two ratios make a proportion. Explain why or why not.

No.	Ratio 1	Proportional or Not Proportional	Ratio 2	Explain your reasoning and show how you know
1.	$\frac{1}{5}$	<input type="checkbox"/> A. Proportional <input type="checkbox"/> B. Not Proportional	$\frac{2}{10}$	
2.	$\frac{4}{9}$	<input type="checkbox"/> A. Proportional <input type="checkbox"/> B. Not Proportional	$\frac{9}{36}$	
3.	$\frac{1}{4}$	<input type="checkbox"/> A. Proportional <input type="checkbox"/> B. Not Proportional	$\frac{1.5}{6}$	
4.	$\frac{28}{40}$	<input type="checkbox"/> A. Proportional <input type="checkbox"/> B. Not Proportional	$\frac{7}{10}$	
5.	$\frac{3}{5}$	<input type="checkbox"/> A. Proportional <input type="checkbox"/> B. Not Proportional	$\frac{5}{7}$	

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No.	Ratio 1	Proportional or Not Proportional	Ratio 2	Are their scoring rates the same? Explain your reasoning and show how you know
6.	Amy is on the soccer team. She has scored 5 goals in the first 10 games.	<input type="checkbox"/> A. Proportional <input type="checkbox"/> B. Not Proportional	Bart is on the soccer team. He has scored 10 goals in the first 20 games.	
7.	Anna is on the field hockey team. She has scored 5 goals in the first 9 games.	<input type="checkbox"/> A. Proportional <input type="checkbox"/> B. Not Proportional	Bill is on the ice hockey team. He has scored 6 goals in the first 14 games.	
8.	Alison on the soccer team. She scored 8 goals in the first 10 games. Then she scored 8 more goals in the next 11 games.		When did she have the <i>best</i> scoring rate? <input type="checkbox"/> A. The first 10 games <input type="checkbox"/> B. After she played all the games.	
Explain your thinking:				

