Assessment : Proportional Reasoning

name: _____   date: _____

Outcome: Working with Numbers					
35%	Level 1 (55%)	Level 2 (65%)	Level 3 (75%)	Level 4 (90%)	Level 4+ (100%)
Student has not yet demonstrated understanding of the standard.	Student is demonstrating an emerging understanding of the standard.	Student's demonstration of understanding is approaching the standard.	Student's demonstration of understanding is reaching the standard.	Student's demonstration of understanding is exceeding the standard.	Student's demonstration of understanding is extending the standard.

1. Riley gets 384 points in 48 games of basketball. How many points per game on average does he score?

2. A local mechanic charges $204.00 for 3h of labour. What is the labour charge for a 5h job?

3. A recipe for salad dressing calls for 4 parts oil to 1 part vinegar. Olivia used 60 mL of vinegar. What volume of oil does she need?

4. Two jugs of lemonade are made with water and concentrate. The ratio of parts concentrate to parts water are shown below. Which jug has the stronger lemonade?
   Justify your answer:

   4 parts concentrate
   3 parts water

   3 parts concentrate
   2 parts water