Year 6 Fraction and Ratio Pre Assessment - March 2015

Draw an object and ensure that 66% of it is shaded in. Draw another object and ensure ⅘ of it is shaded in.	Is 0.75 the same as ¾ and 75%? Explain how you know this.	Order these fractions (small to big). ½, ⅓, ¼, ⅕, ⅙ Order these decimals (small to big) 0.65, 0.145, 0.8 Order these percentages (small to big) 87%, 9%, 15%, 72%, 91%
Toy Purchase - In the shop you can buy 1 fluffy bunny for $80 and get 25% off, or buy the same bunny online for $100 less 40%. Which one would you buy (shop or online). Why?	Explain why 2/12 is the same as ⅙ and why 36/48 is the same as ¾	Tim walked 1/8 of a mile yesterday and 5/8 of a mile today. How many miles has Tim walked? How much further must he walk until he has walked one full mile?
Mary is preparing a final exam. She studies 3/2 hours on Friday, 6/4 hours on Saturday, and 2/3 hours on Sunday. How many hours has she studied in total? Give your answer as a fraction and a decimal.	3 and ¼ is the same as 13/4. How can you prove this.	I mixed up some lemonade in two glasses.The first glass had 200ml of lemon juice and 300ml of water.The second glass had 100ml of lemon juice and 200ml of water. Which mixture has the stronger tasting lemonade? How do you know?
0.6 is the same as……..%. 90 percent is the same as what fraction? ⅔ is the same as what decimal?		