

Have you mastered decimals with three places?

- a) Write these numbers in order starting with the smallest:
5.365 56.3 5.65 5.6 5.06 5.306
- b) Are these number sentences true or false? Explain why.
 $8.047 \times 1000 = 804.7$
 $23.5 \div 100 = 0.235$
 $9.6 \times 100 = 0.096$
 $3871 \div 1000 = 0.3871$



Champions' Challenge

- What number is exactly half-way between each of these pairs?
3.76 and 3.77 14.583 and 14.589 6.728 and 6.788
- I'm thinking of a number. I multiply it by 100, then divide it by 1000, I'm left with 8.63. Peter says the starting number was 0.863. Is he right? How can you check?