**Summary:**

10000+ variations. Simple surds.

**Question: >10000 Variations**

1. Estimate the value of . Show how you arrived at your answer.
2. Simplify each of the following to an expression that contains radicals (surds) of prime numbers.

 (i)  (ii) 

 (iii)  (iv) 

**Solution:**

1. Answer to 2dp is . Acceptable responses between  and 
2. i)  ii) 

iii)  iv) 