

1. Represent  $\sqrt{4.7}$  on number line.

2.  $(3\frac{1}{6})^6 =$

3.  $(16)^{5/4} =$

4.  $\frac{23^{-10}}{23^7} =$

5. Rationalise the denominator

i)  $\frac{6-\sqrt{2}}{6+\sqrt{2}}$

ii)  $\frac{1}{\sqrt{5}-\sqrt{3}}$