

I. Put each set of irrational numbers in order from least to greatest.

1) $\sqrt{6}$, $\sqrt{5}$, $2\sqrt{3}$

2) $0.6158\dots$, $\frac{\pi}{5}$, $\sqrt{40}$

3) $\frac{5\pi}{6}$, $\sqrt{8}$, π

4) $2.8\sqrt{3}$, $\sqrt{24}$, $2\sqrt{5}$

II Convert each decimal into a fraction

5) $0.\overline{3}$

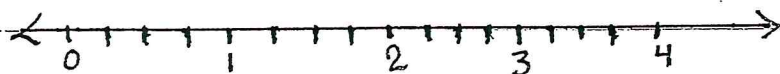
6) $0.\overline{6}$

7) $0.\overline{09}$

8) $0.\overline{46}$

III Convert each irrational number to decimal form. Then place the number on the number line.

9) $\sqrt{3}$



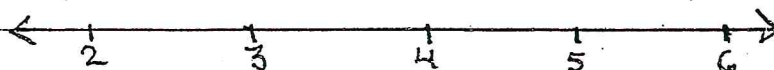
10) $\frac{\sqrt{2}}{5}$



11) $\sqrt{8}$



12) 1.5π



13) $\frac{7}{2}$

