



INDIAN SCHOOL AL WADI AL KABIR

Class IX, Mathematics

Worksheet- Rationalising the denominator (Surds): PART - 2

30-04-20

Rationalise the denominator of the following:			
Q.1.	$\frac{5 + \sqrt{3}}{2 + \sqrt{5}}$	Q.11.	$\frac{3 + \sqrt{5}}{2 + \sqrt{3}}$
Q.2.	$\frac{4 + \sqrt{7}}{5 + \sqrt{7}}$	Q.12.	$\frac{5 + \sqrt{5}}{2 + \sqrt{5}}$
Q.3.	$\frac{2 + \sqrt{5}}{3 + \sqrt{2}}$	Q.13.	$\frac{5 + \sqrt{7}}{5 + \sqrt{2}}$
Q.4.	$\frac{5 + \sqrt{3}}{4 + \sqrt{6}}$	Q.14.	$\frac{4 + \sqrt{5}}{5 + \sqrt{2}}$
Q.5.	$\frac{2 + \sqrt{7}}{4 + \sqrt{7}}$	Q.15.	$\frac{5 + \sqrt{6}}{4 + \sqrt{2}}$
Q.6.	$\frac{5 + \sqrt{3}}{4 + \sqrt{2}}$	Q.16.	$\frac{5 + \sqrt{3}}{4 + \sqrt{6}}$
Q.7.	$\frac{3 + \sqrt{7}}{2 + \sqrt{6}}$	Q.17.	$\frac{2 + \sqrt{2}}{3 + \sqrt{5}}$
Q.8.	$\frac{2 + \sqrt{7}}{2 + \sqrt{5}}$	Q.18.	$\frac{2 + \sqrt{5}}{4 + \sqrt{7}}$
Q.9.	$\frac{4 + \sqrt{2}}{4 + \sqrt{7}}$	Q.19.	$\frac{5 + \sqrt{7}}{5 + \sqrt{2}}$
Q.10.	$\frac{5 + \sqrt{7}}{5 + \sqrt{2}}$	Q.20.	$\frac{4 + \sqrt{5}}{4 + \sqrt{6}}$

