Rationalise the denominator:

1. $\frac{5}{\sqrt{2}}$
2. $\frac{6}{\sqrt{2}}$
3. $\frac{6}{\sqrt{3}}$
4. $\frac{4}{\sqrt{3}}$
5. $\frac{4}{\sqrt{6}}$
6. $\frac{5}{\sqrt{6}}$
7. $\frac{5}{2\sqrt{6}}$
8. $\frac{5}{3\sqrt{6}}$
9. $\frac{5}{10\sqrt{6}}$
10. $\frac{5}{10\sqrt{5}}$
11. $\frac{5}{\sqrt{5}}$
12. $\frac{8}{\sqrt{8}}$
13. $\frac{10}{\sqrt{8}}$
14. $\frac{10}{\sqrt{12}}$
15. $\frac{10}{2\sqrt{3}}$

Rationalise the denominator:

1. $\frac{5}{\sqrt{2}}$
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10. $\frac{5}{10\sqrt{5}}$
11. $\frac{5}{\sqrt{5}}$
12. $\frac{8}{\sqrt{8}}$
13. $\frac{10}{\sqrt{8}}$
14. $\frac{10}{\sqrt{12}}$
15. $\frac{10}{2\sqrt{3}}$

Surds: Rationalising the Denominator – ANSWERS

1. $\frac{5\sqrt{2}}{2}$
2. $3\sqrt{2}$
3. $2\sqrt{3}$
4. $\frac{4\sqrt{3}}{3}$
5. $\frac{2\sqrt{6}}{3}$
6. $\frac{5\sqrt{6}}{6}$
7. $\frac{5\sqrt{6}}{12}$
8. $\frac{5\sqrt{6}}{18}$
9. $\frac{\sqrt{6}}{12}$
10. $\frac{\sqrt{5}}{10}$
11. $\sqrt{5}$
12. $2\sqrt{2}$
13. $\frac{5\sqrt{2}}{2}$
14. $\frac{5\sqrt{3}}{3}$
15. $\frac{5\sqrt{3}}{3}$

Surds: Rationalising the Denominator – ANSWERS

1. $\frac{5\sqrt{2}}{2}$
2. $3\sqrt{2}$
3. $2\sqrt{3}$
4. $\frac{4\sqrt{3}}{3}$
5. $\frac{2\sqrt{6}}{3}$
6. $\frac{5\sqrt{6}}{6}$
7. $\frac{5\sqrt{6}}{12}$
8. $\frac{5\sqrt{6}}{18}$
9. $\frac{\sqrt{6}}{12}$
10. $\frac{\sqrt{5}}{10}$
11. $\sqrt{5}$
12. $2\sqrt{2}$
13. $\frac{5\sqrt{2}}{2}$
14. $\frac{5\sqrt{3}}{3}$
15. $\frac{5\sqrt{3}}{3}$