

- Solve problems involving simplifying surds.
- Expand brackets containing surds.
- Rationalise the denominator in a surd expression.
- Power, root
- Index, Indices
- Standard form
- Surd-1550s, "irrational" (of numbers), from Latin surdus "deaf, unheard"
- Simplify
- Rationalise
- Denominator-1540s, in mathematics, "that term of a fraction which indicates the value of the fractional unit" (commonly the number written below the numerator or dividend), from Medieval Latin denominator

| Calculating - Targets | Before <br> Topic | After <br> Topic | Teacher <br> Mark |
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| Simplify Surds |  |  |  |
| Solve problems involving simplifying surds |  |  |  |
| Expand double brackets involving surds |  |  |  |
| Rationalise the denominator of a simple surd expression. |  |  |  |
| Rationalise the denominator of a more complex surd expression |  |  |  |

