

## Surds Overview (10/7/21)

### Q1 [Practice/E]

Simplify  $\left(1 + \left(1 + 2^{-\frac{1}{2}}\right)^{-1}\right)^{-1}$

### Q2 [Problem/M]

Find the square roots of  $49 - 12\sqrt{5}$

### Q3 [Problem/E]

(i) Does  $\sqrt{4}$  equal 2 or  $\pm 2$ ? (ii) Simplify  $\sqrt{x^2}$