

## N298 Surds

- ① a)  $15\sqrt{3}$   
b)  $7\sqrt{3}$
- ② ~~proof~~
- ③  $a - 4b$
- ④  $c = a^2 + 8$   
 $d = 4a$
- ⑤ ~~proof~~
- ⑥  $2 + 4\sqrt{2}$
- ⑦  $\frac{13}{15}$
- ⑧ ~~proof~~
- ⑨ ~~proof~~
- ⑩  $\frac{1}{4} - \frac{\sqrt{6}}{12}$
- ⑪  $\sqrt{5} - 1$
- ⑫ ~~proof~~
- ⑬ 1:3
- ⑭ a) 2  
b) ~~proof~~
- ⑮ ~~proof~~