

## A299 Quadratic inequalities

- ①  $x < -2, x > \frac{1}{2}$
- ②  $x < -\frac{3}{2}, x > 4$
- ③  $x > 4, x < -1$
- ④  $x < -3, x > 6$
- ⑤ a) proof  
b)  $2.5 < x < 8$
- ⑥  $x > 2$
- ⑦ a)  $6x^3 + 85x^2 + 58x + 21$   
b)  $\frac{2}{5} < x < \frac{8}{5}$
- ⑧ 9
- ⑨ 2,3,4