Factorising Harder Quadratics *Fluency*

Factorise

1 $2x^2 + 7x + 3$

2 $3x^2 + 7x + 2$

3 $2x^2 + 5x + 2$

4 $5x^2 + 11x + 2$

5 $3x^2 + 10x + 3$

6 $2x^2 + 9x + 4$

Factorise

7 $2x^2 + x - 3$

8 $3x^2 - 5x - 2$

9 $2x^2 - 3x - 5$

10 $5x^2 + 3x - 2$

11 $3x^2 + x - 4$

12 $2x^2 - x - 6$

Factorise

13 $2x^2 - 7x + 3$

14 $3x^2 - 8x + 4$

15 $5x^2 - 12x + 4$

16 $2x^2 - 11x + 5$

17 $3x^2 - 13x + 4$

18 $7x^2 - 15x + 2$

Factorise

19 $4x^2 + 8x + 3$

20 $6x^2 + 7x + 2$

21 $4x^2 - 4x - 3$

22 $6x^2 - x - 2$

23 $9x^2 - 12x + 4$

24 $8x^2 + 2x - 3$

Factorise

25 $4x^2 - 9$

26 $9x^2 - 25$

27 $6x^2 + 15x + 6$

28 $12x^2 - 2x - 4$

29 $16x^2 - 1$

30 $18x^2 - 8$