

Factoring  $ax^2 \pm bx - c$

1.  $3x^2 + 4x - 7$

2.  $5x^2 + 19x - 4$

3.  $5x^2 - x - 4$

4.  $6x^2 + x - 2$

5.  $3z^2 + z - 2$

6.  $8y^2 - y - 9$

7.  $10 + y - 2y^2$

8.  $x^2 - xy - 56y^2$

9.  $9a^2 + 3a - 2$

10.  $6 - 23a - 4a^2$

11.  $9r^2 - 25rs - 6s^2$

12.  $3a^2 + 2a - 5$

13.  $3a^2 - 5ab - 12b^2$

14.  $25a^2 + 10ab - 3b^2$

15.  $20k^2 + 27k - 8$

16.  $36d^2 - 5d - 24$

17.  $15 - 31a - 24a^2$

18.  $2(y+4)^2 - (y+4) - 3$

19.  $(x^2 - 1)^2 - 14(x^2 - 1) - 15$

20.  $10(a-b)^2 - 11(a-b) - 6$

21.  $15k^2 - 35km - 30m^2$

22.  $36u^2 - 78u - 30$

23.  $6u^2 - 7uv - 20v^2$

24.  $54x^2 + 21xy - 20y^2$

25.  $3x^2 - 10xy - 8y^2$

26.  $2a^2 - 5ab - 12b^2$

27.  $2m^2 - m - 10$

28.  $2x^2 + 7x - 15$

29.  $3x^2 - 10x - 8$

30.  $10t^2 - 13t - 77$

31.  $20a^2 - 13a - 21$

32.  $12a^2 - 8ab - 15b^2$

33.  $56m^2 - 19mn - 15n^2$

34.  $20x^4 - 37x^2 - 18$

35.  $6x^4 - 53x^2 - 9$

36.  $20k^2 + 18kl - 35l^2$

37.  $28x^2 + 3xy - 6y^2$

38.  $12x^4 + 17x^2 - 5$

39.  $32x^4 - 2x^2y^2 - 9y^4$

40.  $10x^2 - 29xy - 21y^2$