

Factorising into a Single Bracket *fluency*

 **Factorise fully**

1 $6x + 9$

2 $10y - 15$

3 $4a + 8$

4 $12m - 18$

5 $14 + 21p$

6 $9k - 3$

 **Factorise fully**

7 $x^2 + 5x$

8 $y^2 - 7y$

9 $3a^2 + a$

10 $p^2 + pq$

11 $6m - m^2$

12 $t^3 + 4t$

 **Factorise fully**

13 $4x^2 + 6x$

14 $10y^2 - 15y$

15 $6a^2 + 12a$

16 $8m^3 - 4m^2$

17 $9t - 12t^2$

18 $20k^2 + 30k^3$

 **Factorise fully**

19 $6xy + 9x$

20 $12pq - 8p$

21 $5x^2y + 10xy$

22 $14mn - 21n^2$

23 $18ac^2 - 24a^2c$

24 $7x^2y^2 + 21xy^3$

 **Factorise fully**

25 $3x^2 + 6x - 12$

26 $4ac + 8a - 12a^2$

27 $6x^2y - 9xy^2 + 3xy$

28 $10m^3 - 5m^2 + 15m$

29 $2p^2q + 6pq^2 - 4pq$

30 $12t^4 - 18t^3 + 24t^2$