

Expanding single brackets solutions

Green Section

1. $3a + 5$
2. $3x - 24$
3. $18 - 2y$
4. $6a + 3$
5. $12t + 12$
6. $33k - 44$
7. $12 - 24r$
8. $35w - 56$
9. $24 - 3a$
10. $8x + 28y + 12z$
11. $-10y + 50$
12. $-40p + 25q$

Yellow Section

1. $cd - 4c$
2. $rs + rt$
3. $2ab - 10a$
4. $6xy + 54x$
5. $2st + 10s$
6. $-12ak + 8a$
7. $a^2 + 8a$
8. $8c - c^2$
9. $16c + 32c^2$
10. $m^3 + 8m$
11. $18c^3 - 48c$
12. $x^4 + 2x^2$

Red Section

1. $13w + 80$
2. $9y + 18$
3. $4g + 4$
4. -2
5. $15 + 2d$
6. $6s - 13$
7. $2w^2 + 7w$
8. $2h^2 - 12h$
9. $4a + 2b + 2ab$
10. $4mn + 5m - 7n$
11. $c + 35d - 6cd$
12. $4w^2 + 8w^3$

Apply

1. a) $16y - 2$
 b) $29m - 2$
2. -3×-6 should be positive 30.
 $12g - 15g = -3g$ not $-2g$

$$-18 - 30 = -48 \text{ not } -12$$