Factorising Homework

Fully factorise the following:

1. $3x^{2}+15x+18$
2. $4x^{2}+2x-12$
3. $5x^{2}+6x-8$
4. $2x^{2}-18$
5. $4x^{2}-16$
6. $x^{3}+13x^{2}+22x$
7. $8x^{2}-14x-15$
8. $x^{2}-8x+16$
9. $x^{2}-5x-24$
10. $6x^{2}+11x-7$
11. $x^{2}+14x+48$
12. $6x^{2}y+3xy^{3}$

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