1. Find the common factors of the given terms.

(i) $12x$, 36

(ii) $2y$, $22xy$

(iii) $14\,pq$, $28p^2q^2$

(iv) $2x$, $3x^2$, 4

(v) $6\,abc$, $24ab^2$, $12\,a^2b$

3. Factorise.

(i) $x^2 + xy + 8x + 8y$

Example 2: Factorise $10x^2 - 18x^3 + 14x^4$