

**Example 7:** Factorise  $a^2 - 2ab + b^2 - c^2$

**Example 8:** Factorise  $n^4 - 256$

**Example 10:** Find the factors of  $y^2 - 7y + 12$ .

$$2 \times x$$

**Example 13:** Do the following divisions.

(i)  $-20x^4 \div 10x^2$

(ii)  $7x^2y^2z^2 \div 14xyz$

**Example 16:** Divide  $z(5z^2 - 80)$  by  $5z(z + 4)$

Factorise the expressions and divide them as directed.

(i)  $(y^2 + 7y + 10) \div (y + 5)$       (ii)  $(m^2 - 14m - 32) \div (m + 2)$