

Factorise the following algebraic expressions:

1.  $ar + br + at + bt$
2.  $4x^2 - 3xy - 16x + 12y$
3.  $3ax + 4bx - 6ay - 8by$
4.  $6ab - b^2 + 12ac - 2bc$
5.  $p^3 + p - 3p^2 - 3$
6.  $2ax + bx + 2ay + by$
7.  $px - 2py - qx + 2qy$
8.  $12x - 8 + 3xy - 2y$
9.  $a^2 + ac + bc + ab$
10.  $x^2 + xy + 9x + 9y$