Q1   Fully factorise $12x^2y - 3x$

. . . .

Q2   Fully factorise $2x^2 + 6xy$

. . . .

Q3   Fully factorise $8x^2 - 12xy$

. . . .

Q4   Fully factorise $4x^2y^2 - xy^2$

. . . .

factorise (5) answers Q1 $3x(4xy - 1)$;   Q2 $2x(x + 3y)$;   Q3 $4x(2x - 3y)$;   Q4 $xy^2(4x - 1)$;

Q5 $3xy(3x - 2)$;   Q6 $xy(x - 2y)$;   Q7 $2xy(2x + 1)$;   Q8 $2mn(3n - 2m)$

Q1   Fully factorise $12x^2y - 3x$

. . . .

Q2   Fully factorise $2x^2 + 6xy$

. . . .

Q3   Fully factorise $8x^2 - 12xy$

. . . .

Q4   Fully factorise $4x^2y^2 - xy^2$

. . . .

Q5   Fully factorise $9x^2y - 6xy$

. . . .

Q6   Fully factorise $x^2y - 2xy^2$

. . . .

Q7   Fully factorise $2x^2y + 2xy$

. . . .

Q8   Fully factorise $6mn^2 - 4m^2n$

. . . .