**SIMPLIFICATION**

Simplify the following algebraic expressions

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| 7*x* – (3*x* – 2*x*)  = 7*x* – 3*x* + 2*x*  = *x* | a) 8*k* – (4*k* – 2*k*) |
| b) 6*q* – (8*q* – 4*q*) | c) 4*p* – (2*p* – 5*p*) |
| d) 5*j* – (2*h* – 3*j*) | e) 17*p* – (8*p* – 6*q*) |
| f) -4*mn* – (5*mr –* 3*mn*) | g) 6*pq* – (*xy* – 4*pq*) |
| h) 3*pq –* 2 (4*xy* -2*pq*) | i) 6 – 5*xy* – 2(*mn* – 8*xy*) |
| j) 3(*x* + 5*pr*) – 2(*y* – 4*pr*) | k) 4*xy* + 6*xz* – 4(3*xy* – 2*xz*) |
| l) (*x* + *y*)2 – 5*xy* | m) (3*x* + 2)2 – 4*x*2 |
| n) 6*xy* – (3*x* + 2*y*)2 | o) (*x* + 2*y*)2 – 5*xy* |
| p) (3*x –* 1)2 *–* (7*x +* 4) | q) (2*p* – *q*)2 + *q* (4*p* – *q*) |
| r) (3*p* – *q*)2 – 4 (*p*2 – 2*pq*) | s) 2*n*(m + 3*mn*) – (*m* – 2*n*)2 |
| t) 3(2*p* – 5) + (*p* – 3)2 | u) 3(6*mn* – 7*n*2) + (2m – *n*)2 |
| v) (*p* + 2*q* – *m*) + (*p* + 6*q* – *m*) | w) (*m* – 12*q* – *p*) + (*m* – 6*q* + 2 *p*) |