

NAMA: _____

TINGKATAN: _____

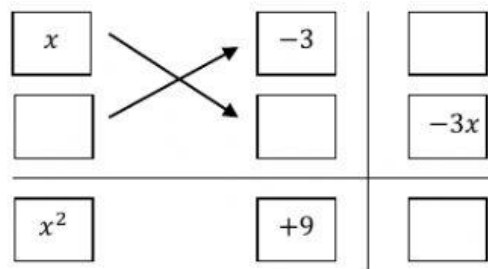
BAB 2: KEMBANGAN DAN PEMFAKTORAN

2.2 – PEMFAKTORAN UNGKAPAN ALGEBRA (Menggunakan pendaraban silang)

1. Rajah menunjukkan pemfaktoran menggunakan kaedah pendaraban silang. Isikan petak kosong dengan jawapan yang betul.

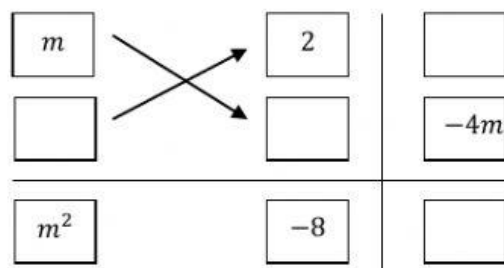
TP 3

a) $x^2 - 6x + 9$



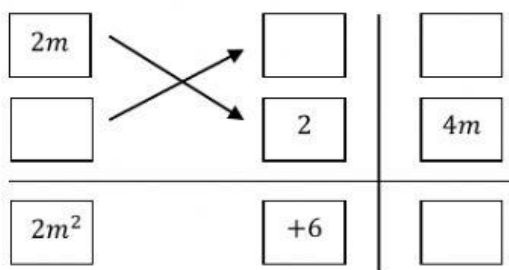
Maka, $x^2 - 6x + 9 = (x - 3)(x - 3)$

b) $m^2 - 2m - 8$



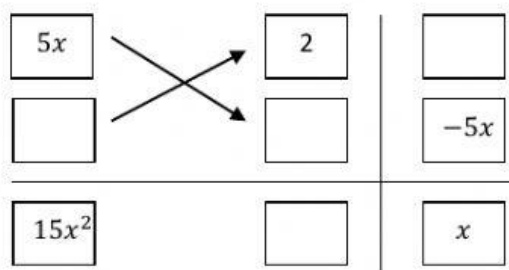
Maka, $m^2 - 2m - 8 = (m + 2)(m - 4)$

c) $2m^2 + 7m + 6$



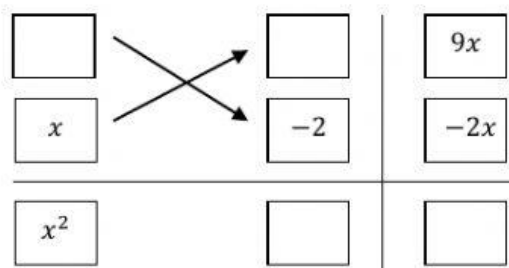
Maka, $2m^2 + 7m + 6 = (2m + 3)(m + 2)$

d) $15x^2 + x - 2$



Maka, $15x^2 + x - 2 = (5x + 2)(3x - 1)$

e) $x^2 + 7x - 18$



Maka, $x^2 + 7x - 18 = (x + 9)(x - 2)$