

LATIHAN TAMBAHAN

2.2 PEMFAKTORAN / 2.2 FACTORISATION

1. Faktorkan setiap yang berikut :

Factorise each of the following :

- | | | |
|-------------------------|---|--|
| a. $xy - y^2 - 4x + 4y$ | = | |
| b. $bm - bn + cm - cn$ | = | |
| c. $pq - p^2 + 3q - 3p$ | = | |
| d. $4x + 16$ | = | |
| e. $16y^2 - 64y$ | = | |
| f. $a^2 - 1$ | = | |
| g. $81x^2 - 100$ | = | |
| h. $16z^2 - 100$ | = | |
| i. $169u^2 - 225$ | = | |
| j. $243g^2 - 48g$ | = | |

2. Lengkapi pendaraban silang bagi setiap pemfaktoran berikut :

Complete the cross multiplication for each of the following factorisation :

a. $y^2 - 8y + 15$

y^2	15	$-8y$

$y^2 - 8y + 15 =$

b. $x^2 - 2x - 8$

x^2	-8	$-2x$

$x^2 - 2x - 8 =$

c. $p^2 - 4p - 12$

p^2	-12	$-4p$

$p^2 - 4p - 12 =$

d. $x^2 - 3x + 2$

x^2	2	$-3x$

$x^2 - 3x + 2 =$

e. $6m^2 - m - 2$

$6m^2$	-2	$-m$

$6m^2 - m - 2 =$

f. $y^2 - 9y + 20$

y^2	20	$9y$

$y^2 - 9y + 20 =$

g. $-6x^2 - 7x + 5$

$-6x^2$	5	$-7x$

$-6x^2 - 7x + 5 =$

h. $n^2 + 7n - 10$

n^2	-10	$7n$

$n^2 + 7n - 10 =$

i. $x^2 + 5x + 6$

x^2	6	$5x$

$x^2 + 5x + 6 =$

j. $4x^2 - 12x + 9$

$4x^2$	9	$-12x$

$4x^2 - 12x + 9 =$