

SMK RANTAU PANJANG KLANG
MATEMATIK KSSM
BAB 1 T4 : FUNGSI DAN PERSAMAAN KUADRATIK

NAMA _____

MASA : 20 minit

KELAS : _____

MARKAH : _____

This question paper consists of **10** questions. Answer **all** questions.

*Kertas soalan ini mengandungi **10** soalan. Jawab **semua** soalan.*

1. $x(x - 3) =$

A $x - 3x$

C $x^2 - 3$

B $x^2 - 3x$

D $x^2 + 3x$

2. $5y(1 - 2y) =$

A $5y - 2$

C $5y - 10y^2$

B $5y - 2y^2$

D $5y^2 - 10$

3. $(7 - k)k =$

A $7 - k^2$

C $7k^2 - k$

B $7k - k^2$

D $7k^2 - k^2$

4. $(2r - 1)(r - 1) =$

A $2r^2 + 1$

C $2r^2 - 3r + 1$

B $2r^2 - r + 1$

D $2r^2 + 3r - 1$

5. $(t + 1)(t - 3) =$

A $t^2 - 2t - 3$

C $t^2 + 2t + 3$

B $t^2 + t + 3$

D $2t^2 - t - 3$

6. Expand $4p(1 - p)$.

Kembangkan $4p(1 - p)$.

A $4p - p^2$

B $4p - 4p^2$

C $4p^2 - 2p$

D $4p^2 - 4p$

7. $(3x - 1)(x - 5) =$

A $3x^2 - x + 5$

B $3x^2 - 2x + 5$

C $3x^2 - x + 5$

D $3x^2 - 16x + 5$

8. $2q(q - 3) =$

A $2q^2 - 5q$

B $2q^2 - 4q$

C $2q^2 - 6q$

D $2q^2 - 6q - 5$

9. $(r - 1)(3 - r) =$

A $-r^2 + 4r - 3$

B $-r^2 - 5r + 2$

C $r^2 - 3r - 4$

D $r^2 - 4r + 1$

10. Expand $(2y - 1)^2$.

Kembangkan $(2y - 1)^2$.

A $4y^2 + 1$

B $4y^2 + 2$

C $4y^2 + 2y - 1$

D $4y^2 - 4y + 1$