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

NAMA MASA : 20 minit

KELAS : MARKAH :

This question paper consists of 1**0** 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** $7k2 - k^2$

4. $(2r-1)(r-1) =$
   A $2r^2 + 1$ **C** $2r^2 - 3r + 1$
   B $2r^2 - \mathrm{r} + 1$ **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 $4p^2 - 4p$

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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 $4y^2 - 4y + 1$

LIVEWORKSHEETS