	Ungkapan kuadratik	Perbandingan
(a)	$2x^2 - 3x + 1$	$2x^2 - 3x + 1$ $ax^2 + bx + c$ $a = \boxed{2}$ $b = \boxed{-3}$ $c = \boxed{1}$
(b)	$2x^2 - 4$	$\boxed{}\,x^2 + \boxed{}\,x + \boxed{}$ $ax^2 + bx + c$ $a = \boxed{}$ $b = \boxed{}$ $c = \boxed{}$
(c)	$\frac{1}{2}x^2 + 5x - \frac{3}{2}$	$a = \boxed{}$ $b = \boxed{}$ $c = \boxed{}$
(d)	$-x^2 + x$	$a = \boxed{}$ $b = \boxed{}$ $c = \boxed{}$
(e)	$-x^2 - 3x - 9$	$a = \boxed{}$ $b = \boxed{}$ $c = \boxed{}$
(f)	$\frac{1}{2}x^2$	$a = \boxed{}$ $b = \boxed{}$ $c = \boxed{}$

1. Tentukan sama ada setiap ungkapan berikut merupakan ungkapan kuadratik dalam satu pemboleh ubah atau bukan. Jika bukan, berikan justifikasi anda.

(a) $x^2 - 5$ (b) $2x^2 + x^{-2}$ (c) $3y^2 - 3x + 1$

(d) $-\frac{1}{2}m^2$ (e) $x^3 - x$ (f) $x^{\frac{1}{2}} + 2x - 1$

(g) $\frac{1}{x^2} + 4x - 1$ (h) $p^2 - \frac{1}{2}p + 3$ (i) $n(n - 2)$

2. Tentukan nilai a, b dan c bagi setiap ungkapan kuadratik yang berikut.

(a) $2x^2 - 5x + 1$

a = ☐

b = ☐

c = ☐

(b) $x^2 - 2x$

a = ☐

b = ☐

c = ☐

(c) $2y^2 + 1$

a = ☐

b = ☐

c = ☐

(d) $-\frac{1}{2}p^2 + 4p$

a = ☐

b = ☐

c = ☐

(e) $1 - x - 2x^2$

a = ☐

b = ☐

c = ☐

(f) $4x^2$

a = ☐

b = ☐

c = ☐

(g) $h^2 + \frac{3}{2}h - 4$

a = ☐

b = ☐

c = ☐

(h) $\frac{1}{3}k^2 - 2$

a = ☐

b = ☐

c = ☐

(i) $2r(r - 3)$

a = ☐

b = ☐

c = ☐