

**JAWAPAN KERTAS 1 SET 1**

1. (a)  $\{2, 3\}$  (b) banyak kepada satu
2. (a)  $\frac{3x-6}{x}, x \neq 0$  (b) 1
3.  $32x^2 - 28x + 5$
4. S.O.R. =  $\frac{5}{2}$ , P.O.R. = 5
5.  $k = 9, p = -\frac{1}{2}$
6.  $x \leq -2, x \geq 8$
7. (a)  $p = 2$  (b)  $q = -5$  (c)  $x = 2$
8. (a) 3 (b)  $y = -\frac{1}{3}x - 6$
9.  $Q(9, 7)$
10. (a) 3 (b) -2
11.  $m = 4, -1$
12. (a) 9 (b) 2 (c) Julat antara kuartil (kerana terdapat nilai ekstrim)
13. (a) 15.6 (b) 65.50
14.  $x = 9, y = 13$
15.  $a = -9, d = 4$
16.  $\frac{1}{37}$
17. (a)  $\log_{10} y = b \log_{10} x + \log_{10} a$  (b)  $a = 100, b = 2$
18. (a)  $\binom{5}{4}$  (b) 13 unit
19. (a)  $-4\underline{a}$  (b)  $-12\underline{a} + 7\underline{b}$
20. (a)  $\frac{1}{6}$  (b)  $\frac{1}{15}$
21.  $\frac{19}{66}$