

**JAWAPAN KERTAS 1 SET 7**

1. (a) 4 (b) 6
2.  $p = -3, p = 2$
3. (a)  $g^{-1}(x) = 6 - 3x, hg^{-1}(x) = 14 - 9x$  (b)  $-4$
4. (a) 2 (b)  $-\frac{4}{3}, 1$
5. (a)  $-\frac{7}{2}$  (b) 15
6. (a)  $-5$  (b) 3 c)  $x = 5$
7.  $-2 \leq x \leq 6$
8.  $(2, 5)$
9.  $2x + 20y - 69 = 0$
10.  $3u^6 - w$
11.  $y = \frac{x}{3}$
12. (a)  $x = 4$  (b) 19
13.  $0.9864 \text{ rad}$
14.  $n = 9$
15.  $n = 7$
16. (a)  $a = 20$  (b) 3360
17.  $t = \frac{16-2s}{2+s}$
18.  $h = 7$
19.  $-8\hat{i} - 4\hat{j}$
20. (a) Number of different numbers  $= {}^9P_3 = 504$  (b) 63
21.  $\frac{16}{49}$