

1.

(a) $\{1, 2, 3, 4, 5, 6, 7\}$

(b) $\{4, 5\}$

(c) $\{1, 2, 3\}$

(d) $\{6, 7\}$

(e) $\{1, 2, 3, 6, 7\}$

(f) $\{(1, 4), (1, 5), (1, 6), (1, 7),$
 $(2, 4), (2, 5), (2, 6), (2, 7),$
 $(3, 4), (3, 5), (3, 6), (3, 7),$
 $(4, 4), (4, 5), (4, 6), (4, 7),$
 $(5, 4), (5, 5), (5, 6), (5, 7)\}$

(g) $\{(4, 1), (4, 2), (4, 3), (4, 4), (4, 5)$
 $(5, 1), (5, 2), (5, 3), (5, 4), (5, 5)$
 $(6, 1), (6, 2), (6, 3), (6, 4), (6, 5)$
 $(7, 1), (7, 2), (7, 3), (7, 4), (7, 5)\}$