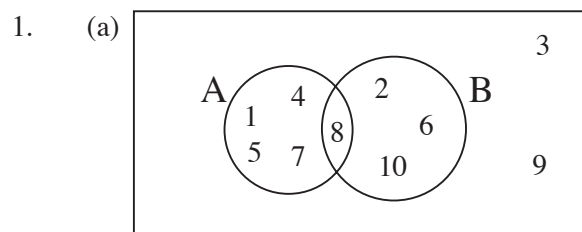


SKE Primary: Foundation Strand

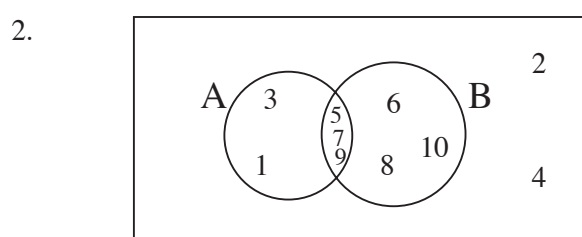
Answers to Exercises

Unit 1 Set Theory

1.1 Sets and Venn Diagrams



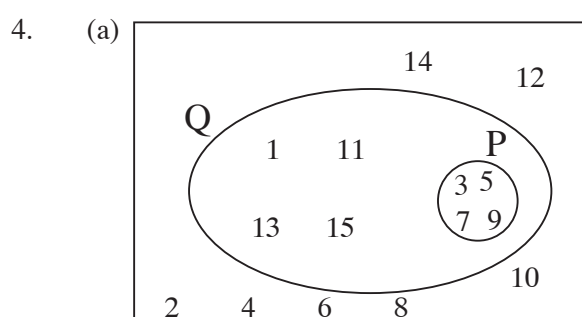
(b) $\{ 8 \}$



(b) $\{ 1, 3, 5, 6, 7, 8, 9, 10 \}$

3. (a) $A = \{ 2, 4, 6, 8, 10, 12 \}$
 (c) $A =$ even numbers up to 12
 $B =$ multiples of 4, $4 \times$ table, up to 12

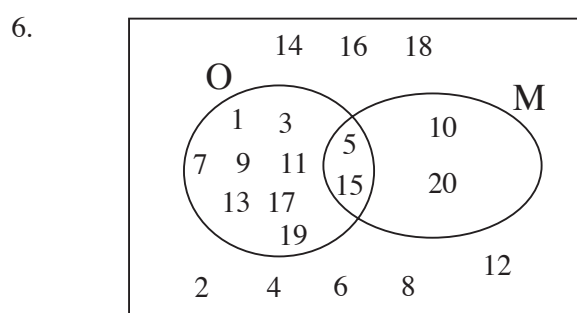
- (b) $B = \{ 4, 8, 12 \}$
 (d) $\{ 1, 3, 5, 7, 9, 11 \}$



(b) $\{ 3, 5, 7, 9 \}$

5. (a) $E = \{ 2, 4, 6, 8, 10, 12, 14, 16, 18, 20 \}$
 (c) $E =$ even numbers up to 20
 $S =$ square numbers up to 20
 (d) $\{ 1, 2, 4, 6, 8, 9, 10, 12, 14, 16, 18, 20 \}$

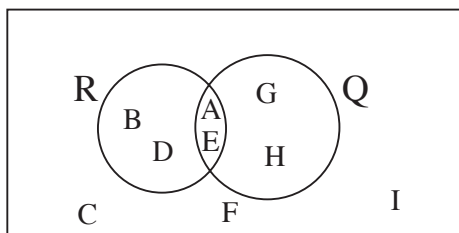
(b) $S = \{ 1, 4, 9, 16 \}$



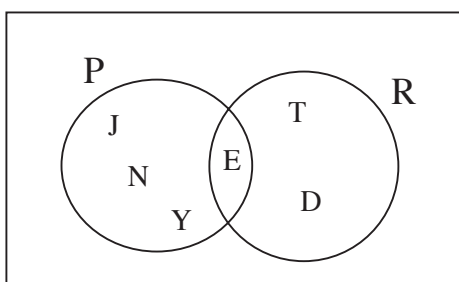
1.1

Answers to Exercises

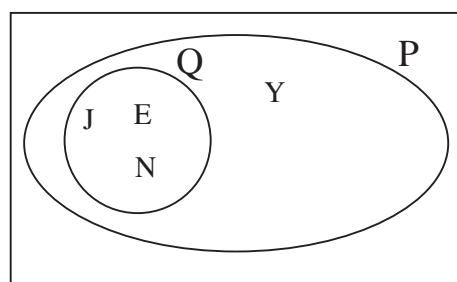
7. (a)

(b) $\{A, E\}$ (c) $\{B, D\}$ (d) $\{C, F, I\}$

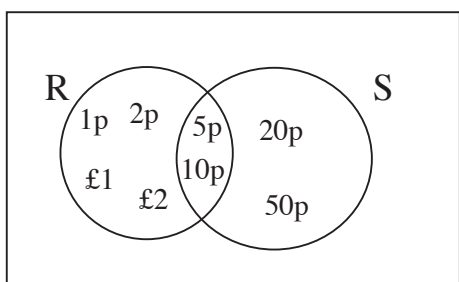
8. (a)



(b)

(c) Union = $\{D, E, J, N, T, Y\}$ (d) Intersection = $\{E\}$

9.



10.

(a) C

(b) B

(c) B

(d) A