

# Pengenalan Set

Introduction of Set

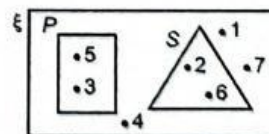
Skor

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**Bahagian A**

- Diberi  $P = \{1, 2, 3, 4, 5\}$ . Antara berikut, yang manakah **tidak** benar? **SK 11.1 TP2**  
 Given  $P = \{1, 2, 3, 4, 5\}$ . Which of the following is **not** true?  
 A  $1 \in P$   
 B  $n(P) = 5$   
 C  $\{0\} \subset P$   
 D  $6 \notin P$
- Nyatakan bilangan unsur bagi  $P = \{\text{nombor perdana kurang daripada } 10\}$ .  
 State the number of elements in  $P = \{\text{prime numbers less than } 10\}$ . **SK 11.1 TP2**  
 A 3  
 B 4  
 C 5  
 D 6
- Diberi  $P = \{\text{huruf vokal dalam perkataan BERJAYA}\}$  dan  $Q = P$ . Tentukan  $n(Q)$ .  
 Given  $P = \{\text{vowels in the word BERJAYA}\}$  and  $Q = P$ . Determine  $n(Q)$ . **SK 11.1 TP3**  
 A 1  
 B 2  
 C 3  
 D 4
- Diberi  $\xi = \{a, b, c, d, e\}$  dan  $P = \{a, e\}$ . Jika  $Q = P'$ , maka  $Q =$  **SK 11.2 TP3**  
 Given  $\xi = \{a, b, c, d, e\}$  and  $P = \{a, e\}$ . If  $Q = P'$ , then  $Q =$   
 A  $\{ \}$   
 B  $\{a\}$   
 C  $\{e\}$   
 D  $\{b, c, d\}$

- Senaraikan semua subset bagi set  $T = \{g, h\}$ . **SK 11.2 TP3**  
 List all the subsets of set  $T = \{g, h\}$ .  
 A  $\{ \}, \{g\}, \{h\}, \{g, h\}$   
 B  $\{g\}, \{h\}, \{g, h\}$   
 C  $\{ \}, \{g\}, \{h\}$   
 D  $\{g\}, \{h\}$
- Cari bilangan subset bagi  $\{a, b, c, d\}$ .  
 Find the number of subsets in  $\{a, b, c, d\}$ . **SK 11.2 TP3**  
 A 4  
 B 8  
 C 16  
 D 20
- Diberi  $\xi = \{x : 1 < x < 30, x \text{ ialah integer}\}$  dan  $H = \{x : x \text{ ialah gandaan } 3\}$ .  
 Cari  $n(H')$ . **SK 11.2 TP3**  
 Given  $\xi = \{x : 1 < x < 30, x \text{ is an integer}\}$  and  $H = \{x : x \text{ is a multiple of } 3\}$ . Find  $n(H')$ .  
 A 9  
 B 19  
 C 20  
 D 21
- Gambar rajah Venn di bawah menunjukkan set semesta  $\xi$ , set  $P$  dan set  $S$ . **SK 11.2 TP3**  
 The Venn diagram below shows the universal set  $\xi$ , set  $P$  and set  $S$ .



- Antara berikut, yang manakah benar?  
 Which of the following is true?
- A  $\{1, 4, 7\} \subset P$       C  $S \subset P$   
 B  $S \subset P'$               D  $P \subset S$