WAYGROUND formerly Quizizz **Worksheets**

Name

Class

Date

Persilangan Set

Total questions: 10

Worksheet time: 20mins

1. Diberi $A = \{1, 3, 5, 7, 9\}$ dan $B = \{2, 3, 5, 7\}$, senaraikan semua unsur bagi persilangan set A dan set B.

a) $\{1, 3, 5, 7, 9\}$

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

c) $\{1, 9\}$

d) $\{1, 2, 5, 9\}$

2. Cari persilangan bagi set P dan set Q.

$P = \{F, A, R, L, E, Y\}$

$Q = \{M, A, R, K, E, T\}$

a) $\{A, E, R\}$

b) $\{F, R, L, Y\}$

c) $\{A, E\}$

d) $\{F, K, L, M, R, Y\}$

3. Diberi set J = { nombor yang kurang daripada 10 } dan set K = { nombor kuasa dua sempurna } , cari $J \cap K$

a) $\{1, 2, 3, 4, 5, 6, 7, 8, 9\}$

b) $\{1, 4, 9\}$

c) $\{2, 3, 5, 7\}$

d) $\{4, 9, 16\}$

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4. Diberi set D = { huruf vokal } , nyatakan $n(D)$

a) 2

b) 3

c) 4

d) 5

5. Diberi set M = { gandaan 3 yang kurang daripada 20 }, nyatakan $n(M)$

a) 4

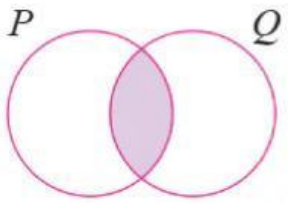
b) 5

c) 6

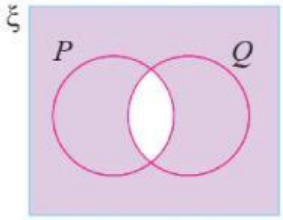
d) 7

6. Antara berikut, gambar rajah Venn yang manakah menunjukkan rantau berlorek $P \cap Q$?

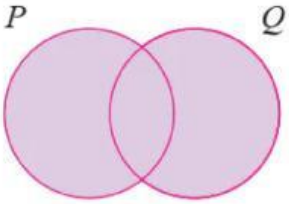
a)



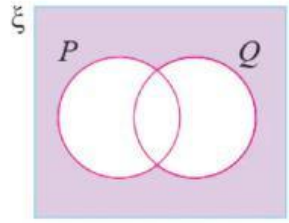
b)



c)



d)



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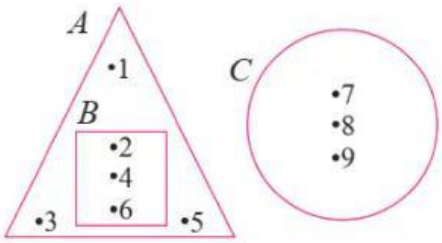
7.



Daripada gambar rajah Venn, nyatakan unsur bagi $A \cap B$.

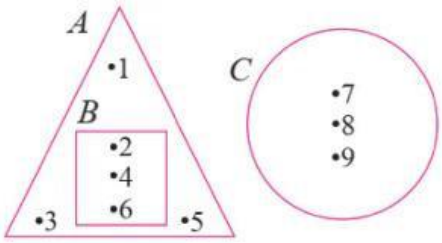
a) $\{2, 4, 6\}$

b) $\{1, 3, 5\}$

c) $\{7.8.9\}$

d) $\{1, 2, 3, 4, 5, 6\}$

8.



Daripada gambar rajah Venn di atas, nyatakan $A \cap C$

a) $\{7, 8, 9\}$

b) ϕ

c) $\{2, 4, 6\}$

d) $\{1, 3, 5\}$

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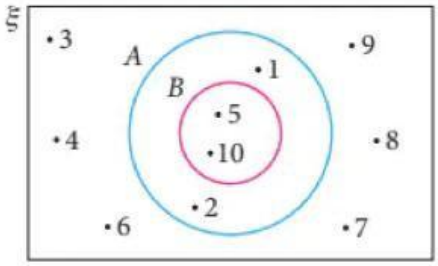
9.



Daripada gambar rajah Venn, nyatakan $n(A \cap B)$

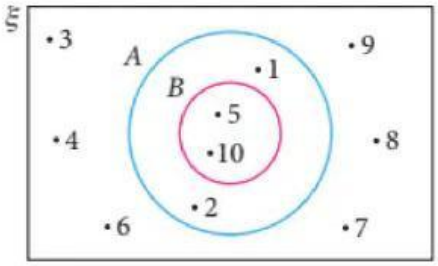
a) 2

b) 4

c) 6

d) 10

10.



Daripada gambar rajah Venn di atas, senaraikan semua unsur bagi set A.

a) $\{5, 10\}$

b) $\{1, 2, 5, 10\}$

c) $\{1, 2\}$

d) $\{3, 4, 6, 7, 8, 9\}$

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