

ผลคูณคาร์ทีเซียน

ม.5

จงหา $A \times B$ และ $n(A \times B)$ เมื่อกำหนด A และ B ดังต่อไปนี้

1. $A = \{1, 2\}$, $B = \{x, y\}$

ตอบ $A \times B = \{(\quad, \quad), (\quad, \quad), (\quad, \quad), (\quad, \quad)\}$

$n(A \times B) = \boxed{\quad}$

2. $A = \{3, 4\}$, $B = \{5, 6, 7\}$

ตอบ $A \times B = \{(\quad, \quad), (\quad, \quad), (\quad, \quad), (\quad, \quad), (\quad, \quad), (\quad, \quad)\}$

$n(A \times B) = \boxed{\quad}$

1) $A = \{-1, -2\}$, $B = \{5, 6, 7\}$

$n(A \times B) = \boxed{\quad}$

2) $A = \{11, 12, 13\}$, $B = \{x, y, z\}$

$n(A \times B) = \boxed{\quad}$

3) $A = \{a, b, c, d\}$, $B = \{1, 2, 3, 4, 5\}$

$n(A \times B) = \boxed{\quad}$

4) $A = \{3, 4, 5\}$, $B = \{m, n, o, p\}$

$n(A \times B) = \boxed{\quad}$

5) $A = \{\emptyset\}$, $B = \{1, 2, 3\}$

$n(A \times B) = \boxed{\quad}$

6) $A = \emptyset$, $B = \{\emptyset, \{\emptyset\}\}$

$n(A \times B) = \boxed{\quad}$

7) $A = \{\emptyset\}$, $B = \{\{1, \emptyset\}\}$

$n(A \times B) = \boxed{\quad}$

8) $A = \emptyset$, $B = \{1, \{1, \emptyset\}\}$

$n(A \times B) = \boxed{\quad}$

