

3. Consider the two tables $T1$ and $T2$ shown below. Show the results of the following operations:

TABLE T1

P	Q	R
10	a	5
15	b	8
25	a	6

TABLE T2

A	B	C
10	b	6
25	c	3
10	b	5

(1) $T1 \bowtie_{T1.P=T2.A} T2$

(2) $T1 \bowtie_{T1.Q=T2.B} T2$

(3) $T1 \bowtie_{T1.P=T2.A \text{ AND } T1.Q=T2.B} T2$

(4) $T1 \cup T2$

(5) $T1 \times T2$