

Q1 : Choose the correct answer.

1 If $a \in]2, 5[$, then a can be equal to which of the following ?

(a) 1

(b) 3

(c) 7

(d) 5

2 $\mathbb{R}^+ \cup \mathbb{R}^- =$ -----

(a) $\emptyset$

(b) $\mathbb{R}$

(c) $\mathbb{R}^+$

(d) $\mathbb{R}^-$

3 What is the resulting interval from $]2, 5[\cup \{5\}$?

(a) $]2, 5[$

(b) $[2, 5]$

(c) $]2, 5]$

(d) $[2, 5[$

4 Which of the following represents $x \cap y$?

(a) $\{5\}$

(b) $[3, 7[$

(c) $[3, 5[$

(d) $\emptyset$



Q2 : Answer the following.

1 $[5, 7[- [-1, 4]$

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2 $[-2, 3] \cup [2, 5[$

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5 X^c where $X = [4, 8[$

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4 $] -\infty, 7[\cap [3, \infty[$

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