|  |  |
| --- | --- |
| **Fill in the Blanks** | **Basic Set Notation** |

In all questions $ξ=\{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| $$A$$ | $$B$$ | $$A∩B$$ | $$A∪B$$ | $$A'$$ | $$n(A)$$ | $$n(B^{'})$$ |
| $$\{2, 4, 6, 8, 10\}$$ | $$\{2, 3, 4, 5\}$$ | $$\{2, 4\}$$ |  |  | $$5$$ |  |
| $$\{1, 2, 3, 4\}$$ | $$\{3, 5, 7\}$$ |  |  |  |  |  |
| $$\{1, 2, 4, 5, 7, 8\}$$ | $$\{6, 7, 8, 9, 10\}$$ |  |  |  |  |  |
| $$\{2, 3, 4, 5, 6\}$$ | $$\{2, 4, 6\}$$ |  |  |  |  |  |
| $$\{6, 7, 8, 9, 10\}$$ | $$\{1, 2\}$$ |  |  |  |  |  |
|  | $$\{6, 7, 8, 9\}$$ |  |  | $$\{1, 2, 3, 5, 6, 8, 9\}$$ |  |  |
| $$\{2, 5, 8\}$$ |  | $$\{8\}$$ | $$\{2, 5, 8, 9, 10\}$$ |  |  |  |
|  |  | $$\{1, 2, 3, 4\}$$ | $$\{1, 2, 3, 4, 5, 6, 8\}$$ | $$\{6, 7, 8, 9, 10\}$$ |  |  |
|  |  | $$\{5, 7\}$$ | $$\{5, 6, 7, 8, 9\}$$ |  | $$2$$ |  |
|  | $$\{7\}$$ |  | $$\{7, 8, 9, 10\}$$ |  | $$3$$ |  |