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

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| --- | --- | --- | --- |
| $$A$$ | $$B$$ | $$A∩B$$ | $$A∪B$$ |
| $$\{1, 2, 3, 4, 5\}$$ | $$\{4, 5, 6, 7, 8\}$$ | $$\{4, 5\}$$ | $$\{1, 2, 3, 4, 5, 6, 7, 8\}$$ |
| $$\{1, 3, 5, 7\}$$ | $$\{5, 6, 7, 8, 9\}$$ |  |  |
| $$\{a, b, c, d, e\}$$ | $$\{b, c, d, e, f\}$$ |  |  |
| $$\{0, 1, 2, 3\}$$ | $$\{4, 5, 6, 7, 8\}$$ |  |  |
| $$Odd numbers $$$$from 1 to 9 $$$$inclusive$$ | $$Prime numbers$$$$ less than 10$$ |  |  |
| $$Square numbers$$$$ less than 20$$ | $$Multiples of 4 $$$$from 4 to 20$$$$ inclusive$$ |  |  |
| $$Even numbers $$$$from 2 to 12$$$$ inclusive$$ | $$Multiples of 3$$$$ less than 15$$ |  |  |
| $$\{1, 4, 7, 10, 13\}$$ | $$Square numbers$$$$ less than 20$$ |  |  |
| $$Odd numbers $$$$from 1 to 9 $$$$inclusive$$ | $$Even numbers $$$$from 2 to 10$$$$ inclusive$$ |  |  |
| $$\{5, 6, 7, 8, 9\}$$ |  | $$\{5, 6\}$$ | $$\{3, 4, 5, 6, 7, 8, 9\}$$ |
|  | $$\{2, 4, 6, 8\}$$ | $$\{2, 4, 6\}$$ | $$\{1, 2, 3, 4, 5, 6, 8\}$$ |
| $$\{11, 12, 13, 14\}$$ |  | $$\{13\}$$ | $$\{11, 12, 13, 14 17, 19, 23\}$$ |
|  | $$\{4, 5, 6, 7\}$$ | $$\{\}$$ | $$\{0, 1, 2, 3, 4, 5, 6, 7\}$$ |
| $$Square numbers$$$$ less than 20$$ |  | $$\{1, 4, 16\}$$ | $$\{1, 2, 4, 8, 9, 16\}$$ |
|  | $$Factors of 10$$ | $$\{5, 10\}$$ | $$\{1, 2, 5, 10, 15, 20\}$$ |