

Name: _____

Determine the contents of each dictionary after the code segment is executed.

```
1) Dictionary<string, int> ages = new Dictionary<string, int>();  
   ages["John"] = 30;  
   ages["Alice"] = 25;  
   ages["Bob"] = 35;
```

```
2) Dictionary<string, string> colors = new Dictionary<string, string>();  
   colors.Add("Red", "FF0000");  
   colors.Add("Green", "00FF00");  
   colors.Add("Blue", "0000FF");  
   colors.Remove("Green");
```

```
3) Dictionary<int, string> fruits = new Dictionary<int, string>  
   {  
       { 1, "Apple" },  
       { 2, "Banana" },  
       { 3, "Orange" }  
   };  
   fruits[2] = "Grape";
```

```
4) Dictionary<string, int> scores = new Dictionary<string, int>();  
   scores.Add("Alice", 85);  
   scores.Add("Bob", 92);  
   scores.Add("Charlie", 78);  
   scores["David"] = 80;
```

```
5) Dictionary<char, string> letters = new Dictionary<char, string>();
   letters['A'] = "Apple";
   letters['B'] = "Banana";
   letters['C'] = "Carrot";
   letters.Remove('B');

6) Dictionary<string, bool> flags = new Dictionary<string, bool>
   {
       { "A", true },
       { "B", false },
       { "C", true }
   };
   flags["B"] = true;

7) Dictionary<int, string> months = new Dictionary<int, string>();
   months[1] = "January";
   months[2] = "February";
   months[3] = "March";
   months.Remove(2);

8) Dictionary<string, string> capitals = new Dictionary<string, string>
   {
       { "USA", "Washington D.C." },
       { "UK", "London" },
       { "France", "Paris" }
   };
   capitals["USA"] = "New York";
```

```
9) Dictionary<int, int> squares = new Dictionary<int, int>();  
   squares[1] = 1;  
   squares[2] = 4;  
   squares[3] = 9;  
   squares[4] = 16;  
   squares.Remove(3);
```

```
10) Dictionary<string, double> p = new Dictionary<string, double>();  
    p.Add("Apple", 1.2);  
    p.Add("Banana", 0.8);  
    p.Add("Orange", 1.0);  
    p.Remove("Banana");
```