Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Class \_\_\_\_\_\_

**Resistors Exam**

Mark the best answer to each question.

1. The resistor color code is used to express the value of all types of resistors.
2. True
3. False
4. In the resistor color code, black represents the number \_\_\_\_\_\_\_.
5. 0
6. 3
7. 2
8. In the resistor color code, red represents the number \_\_\_\_\_\_\_.
9. 0
10. 1
11. 2
12. In the resistor color code, orange represents the number \_\_\_\_\_\_\_.
13. 0
14. 3
15. 2
16. In the resistor color code, brown represents the number \_\_\_\_\_\_\_.
17. 0
18. 1
19. 2

|  |  |  |
| --- | --- | --- |
| 6. | Decode the resistor. | Brown, Black, Brown, Gold |
|  | Value \_\_\_\_\_\_\_\_\_\_ |  |
|  | Tolerance \_\_\_\_\_\_\_\_\_\_ |  |
| 7. | Decode the resistor. | Red, Red, Brown, Silver |
|  | Value \_\_\_\_\_\_\_\_\_\_ |  |
|  | Tolerance \_\_\_\_\_\_\_\_\_\_ |  |
| 8. | Decode the resistor. | Yellow, Violet, Red |
|  | Value \_\_\_\_\_\_\_\_\_\_ |  |
|  | Tolerance \_\_\_\_\_\_\_\_\_\_ |  |
| 9. | Decode the resistor. | Orange, Orange, Orange, Gold |
|  | Value \_\_\_\_\_\_\_\_\_\_ |  |
|  | Tolerance \_\_\_\_\_\_\_\_\_\_ |  |
| 10. | Decode the resistor. | . Brown, Red, Yellow, Gold |
|  | Value \_\_\_\_\_\_\_\_\_\_ |  |
|  | Tolerance \_\_\_\_\_\_\_\_\_\_ |  |