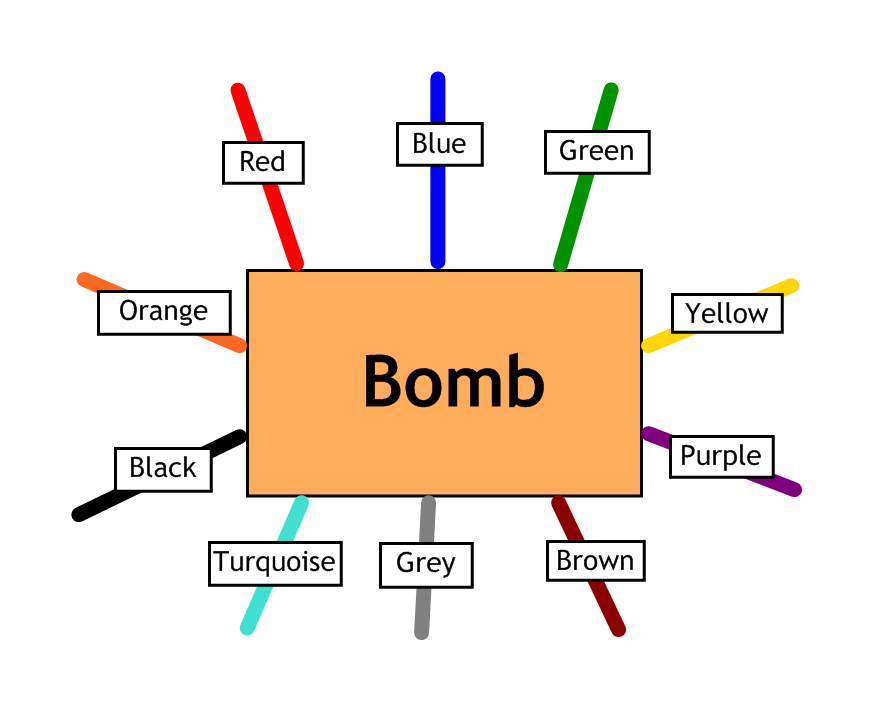
**Defuse the Bomb – Fractions, Decimals, Percentages 2**

The Mathematician, a notorious terrorist has planted a bomb. You must defuse that bomb using the mathematical clues he’s left.



Answer the questions, then cut the coloured wires in the order that the answers appear, using the table below:

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Red | Blue | Green | Yellow | Purple | Brown | Grey | Turquoise | Black | Orange |
| 22.5 |  | 0.83 | 18 |  | 40 | 75 |  | 28 | 44 |

Here are the clues that show which order to cut the wires:

|  |  |
| --- | --- |
| 1 | What is as a percentage? |
| 2 | What is 83% as a decimal? |
| 3 | Write 32% as a fraction in its lowest terms. |
| 4 | What is as a percentage? |
| 5 | Which is the smallest: 0.2, , 26%, , 0.32, ?  Give your answer as a percentage. |
| 6 | Write 65% as a fraction in its lowest terms. |
| 7 | What is as a percentage? |
| 8 | Which is the largest: 0.23, , 26%, , 0.19 or ?  Give your answer as a percentage. |