**Defuse the Bomb – Fraction of a Number 1**

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 |
| 12 | 9 | 8.5 | 5 | 8 | 4 | 6 | 16 | 7 | 13 |

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

|  |  |
| --- | --- |
| 1 | What is $\frac{1}{2}$ of 32? |
| 2 | What is $\frac{1}{3}$ of 24? |
| 3 | What is $\frac{1}{5}$ of 45? |
| 4 | What is $\frac{1}{8}$ of 32? |
| 5 | What is $\frac{1}{2}$ of 17? |
| 6 | What is $\frac{1}{4}$ of 28? |
| 7 | What is $\frac{1}{5}$ of 60? |
| 8 | What is $\frac{1}{9}$ of 45? |