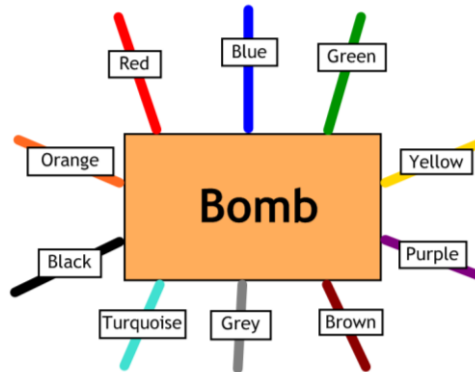


Defuse the Bomb - Fraction of a Number 2 - Answers

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
18	9	14	50	40	20	32	15	24	12

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

1	What is $\frac{2}{3}$ of 18? 12 - Orange
2	What is $\frac{3}{4}$ of 24? 18 - Red
3	What is $\frac{2}{5}$ of 35? 14 - Green
4	What is $\frac{3}{8}$ of 40? 15 - Turquoise
5	Harry has a jar containing 36 sweets. He eats $\frac{1}{4}$ of the sweets. How many sweets did Harry eat? 9 - Blue
6	Suzie took a maths test. Her teacher tells her that she got $\frac{4}{5}$ of the marks. If the test was out of 40, how many marks did Suzie get? 32 - Grey
7	Jodie has £50 in her bank account. She decides to spend $\frac{3}{5}$ of it on a shopping trip. How much does she have left in her account? £20 - Brown
8	Dave won £150 in a competition. He decides to keep $\frac{2}{3}$ of it and donate the rest to charity. How much did Dave donate to charity? £50 - Yellow