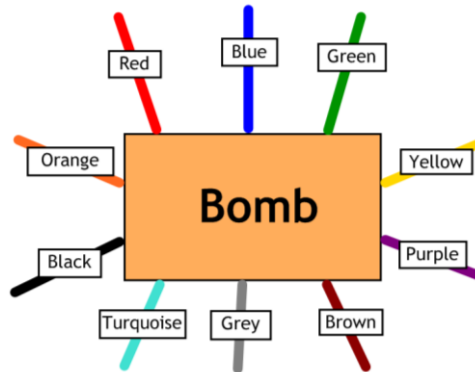


## Defuse the Bomb - Fractions, Decimals, Percentages 2 - Answers

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
22.5	$\frac{13}{20}$	0.83	18	$\frac{8}{25}$	40	75	$\frac{17}{50}$	28	44

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

1	What is $\frac{3}{4}$ as a percentage? <b>75% - Grey</b>
2	What is 83% as a decimal? <b>0.83 - Green</b>
3	Write 32% as a fraction in its lowest terms. <b><math>\frac{8}{25}</math> - Purple</b>
4	What is $\frac{11}{25}$ as a percentage? <b>44% - Orange</b>
5	Which is the smallest: 0.2, $\frac{9}{50}$ , 26%, $\frac{1}{4}$ , 0.32, $\frac{2}{5}$ ? Give your answer as a percentage. <b>18% (<math>\frac{9}{50}</math>) - Yellow</b>
6	Write 65% as a fraction in its lowest terms. <b><math>\frac{13}{20}</math> - Blue</b>
7	What is $\frac{9}{40}$ as a percentage? <b>22.5% - Red</b>
8	Which is the largest: 0.23, $\frac{1}{5}$ , 26%, $\frac{1}{4}$ , 0.19 or $\frac{7}{25}$ ? Give your answer as a percentage. <b>28% (<math>\frac{7}{25}</math>) - Black</b>