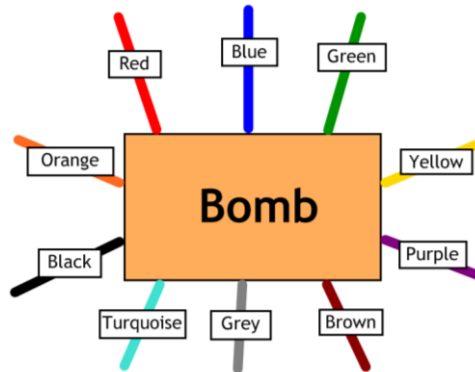


Defuse the Bomb - Truncation - Answers

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
$253 \leq n < 254$	5.6	$3000 \leq n < 3100$	7400	$250 \leq n < 260$
Brown	Grey	Turquoise	Black	Orange
$40 \leq n < 50$	5	$36 \leq n < 37$	$3000 \leq n < 4000$	7300

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

1	Truncate 5.62 to the integer. Grey
2	Truncate 7351 to the hundred. Orange
3	Truncate 5.6433 to 1 decimal place. Blue
4	Truncate 7425 to 2 significant figures. Yellow
5	40 has been truncated to the tens. What is the error interval for this truncation? Brown
6	36 has been truncated to 2 significant figures. What is the error interval for this truncation? Turquoise
7	3000 has been truncated to the hundreds. What is the error interval for this truncation? Green
8	I am told that a building is 253 years old. What is the error interval for this? Red