72.1 PS

1) Clara thinks of a number. She multiplies by 12, then subtracts 6.
Her result is 42. What was her original number?
(Let her original number be x)

2) Drew finds a brass bar weighing 40kg. Brass is made of 55% copper and the rest of zinc. How many kilograms of zinc does it contain?

3) What is the difference between $\sqrt[3]{125}$ and 5^4?