
IMC Number

1. What is the maximum possible value of the median number of cups of coffee bought per customer on a day when Sundollars Coffee Shop sells 477 cups of coffee to 190 customers, and every customer buys at least one cup of coffee?

A 1.5 B 2 C 2.5 D 3 E 3.5

2. A shop advertised "Everything half price in our sale", but also now advertises that there is "An additional 15% off sale prices". Overall, this is equivalent to what reduction on the original prices?

A 7.5% B 35% C 57.5% D 65% E 80%

Answers:

1. E
2. C