

The City School

North Nazimabad Boys Campus

Topic: Rational Numbers



Class: 7th

Q1: Ayesha has 45 Faber-castle and dollar pencils. $\frac{4}{5}$ of the Faber-castle and $\frac{3}{4}$ of the dollar pencils are blue colour. The total number of blue pencils she has is 35. How many of the blue pencils are Faber-castle?

Q2: Mr. Ali is given $\frac{1}{3}$ of a sum of money and Mr. Abid receives $\frac{1}{3}$ of the remainder.

- What fraction of the original sum is received by Mr. Abid.
- What fraction of the money is left?
- If the original sum is \$180, then calculate the amount of money left.

Q3: Mrs. John bought $4\frac{3}{4}$ m of cloth and then used $2\frac{1}{5}$ m of it to make a dress for her daughter. How much cloth is still left with her?

Q4: Alvin, John and Peter buy a business. Given that Alvin pays $\frac{3}{10}$ of the cost price and John pays $\frac{9}{20}$ of it, What fraction of the cost price does Peter pay? If Peter pays \$7000, how much does the business cost?

Q5: A farmer uses $\frac{11}{18}$ of his field for growing rice and $\frac{3}{7}$ of remaining field for growing tomatoes. Of the area thus left, he used $\frac{1}{4}$ of it to grow spinach and the rest to grow sweet potatoes. What fraction of the field is used for growing sweet potatoes?