

Revision

1. Solve $7x + 35 = 84$.
2. If 21 is subtracted from a certain number and the result is multiplied by 6, the product is 120. Find the number .
3. Purnimas grandfather is 7 years elder to her grandmother. The sum of one eighth of her grandfather's age and one ninth of her grandmother's age equals 20 years. How old are Purnimas grandparents ?
4. A brother asks his sister for Rs 10 so that he can be 3 times as rich as her sister, but the sister tells her brother to give her Rs 400, so that she can be 7 times as rich as her brother. How much money do the brother and sister have now?
5. When 1 is added to the numerator of a fraction, the fraction becomes $\frac{1}{2}$,but when 3 is added to its denominator it becomes $\frac{1}{3}$. Find the fraction .