

FRACTION PROBLEMS 2

1. The denominator of a fraction is three more than three times the numerator. If the numerator is increased by 2 and the denominator is decreased by 4, the result is $\frac{1}{2}$. Find the original fraction.
2. The numerator of a fraction is two less than half the denominator. If 3 is added to both the numerator and denominator, the fraction becomes $\frac{2}{3}$. Find the original fraction.
3. The denominator of a fraction is four less than twice the numerator. If the numerator is decreased by 3 and the denominator is increased by 2, the fraction becomes $\frac{1}{3}$. Find the original fraction.
4. The numerator of a fraction is three more than one-third of the denominator. If 2 is subtracted from both the numerator and denominator, the fraction becomes $\frac{1}{2}$. Find the original fraction.
5. The denominator of a fraction is six more than the numerator. If the numerator is increased by 5 and the denominator is decreased by 1, the fraction becomes $\frac{3}{4}$. Find the original fraction.