

## Bài 1 trang 169 SGK Toán 4

**Đề bài:**

Tính bằng hai cách:

a)  $(\frac{6}{11} + \frac{5}{11}) \times \frac{3}{7}$  ;

b)  $\frac{3}{5} \times \frac{7}{9} - \frac{3}{5} \times \frac{2}{9}$  ;

c)  $(\frac{6}{7} - \frac{4}{7}) : \frac{2}{5}$  ;

d)  $\frac{8}{15} : \frac{2}{11} + \frac{7}{15} : \frac{2}{11}$

**Lời giải:**

a) Cách 1 :  $(\frac{6}{11} + \frac{5}{11}) \times \frac{3}{7} = \frac{11}{11} \times \frac{3}{7} = \frac{3}{7}$

Cách 2:  $(\frac{6}{11} + \frac{5}{11}) \times \frac{3}{7} = \frac{6}{11} \times \frac{3}{7} + \frac{5}{11} \times \frac{3}{7} = \frac{18}{77} + \frac{15}{77} = \frac{33}{77} = \frac{3}{7}$

b) Cách 1 :  $\frac{3}{5} \times \frac{7}{9} - \frac{3}{5} \times \frac{2}{9} = \frac{21}{45} - \frac{6}{45} = \frac{15}{45} = \frac{1}{3}$

Cách 2:  $\frac{3}{5} \times \frac{7}{9} - \frac{3}{5} \times \frac{2}{9} = \frac{3}{5} \times (\frac{7}{9} - \frac{2}{9}) = \frac{3}{5} \times \frac{5}{9} = \frac{15}{45} = \frac{1}{3}$

c) Cách 1:  $(\frac{6}{7} - \frac{4}{7}) : \frac{2}{5} = \frac{2}{7} : \frac{2}{5} = \frac{2}{7} \times \frac{5}{2} = \frac{5}{7}$

Cách 2:  $(\frac{6}{7} - \frac{4}{7}) : \frac{2}{5} = \frac{6}{7} : \frac{2}{5} - \frac{4}{7} : \frac{2}{5} = \frac{6}{7} \times \frac{5}{2} - \frac{4}{7} \times \frac{5}{2} = \frac{30}{14} - \frac{20}{14} = \frac{10}{14} = \frac{5}{7}$

d)  $\frac{8}{15} : \frac{2}{11} + \frac{7}{15} : \frac{2}{11} = \frac{8}{15} \times \frac{11}{2} + \frac{7}{15} \times \frac{11}{2} = \frac{88}{30} + \frac{77}{30} = \frac{165}{30} = \frac{11}{2}$

Cách 2:  $\frac{8}{15} : \frac{2}{11} + \frac{7}{15} : \frac{2}{11} = (\frac{8}{15} + \frac{7}{15}) : \frac{2}{11} = \frac{15}{15} : \frac{2}{11} = \frac{15}{15} \times \frac{11}{2} = \frac{11}{2}$