

Giải bài 2 trang 11 sách giáo khoa lớp 5

Bài 2: Tính

$$a) \frac{9}{10} \times \frac{5}{6}$$

$$b) \frac{6}{25} : \frac{21}{20}$$

$$c) \frac{40}{7} \times \frac{14}{5}$$

$$d) \frac{17}{13} : \frac{51}{26}$$

Đáp án:

$$a) 3 + \frac{2}{5} = \frac{15}{5} + \frac{2}{5} = \frac{17}{5}$$

$$b) 4 - \frac{5}{7} = \frac{28}{7} - \frac{5}{7} = \frac{23}{7}$$

$$c) 1 - \left(\frac{2}{5} + \frac{1}{3} \right) = 1 - \left(\frac{6}{15} + \frac{5}{15} \right) \\ = \frac{15}{15} - \frac{11}{15} = \frac{4}{15}$$

$$a) \frac{9}{10} \times \frac{5}{6} = \frac{9 \times 5}{10 \times 6} = \frac{3 \times 3 \times 5}{2 \times 5 \times 2 \times 3} = \frac{3}{2 \times 2} = \frac{3}{4}$$

$$b) \frac{6}{25} : \frac{21}{20} = \frac{6 \times 20}{25 \times 21} = \frac{2 \times 3 \times 5 \times 4}{5 \times 5 \times 3 \times 7} = \frac{8}{35}$$

$$c) \frac{40}{7} \times \frac{14}{5} = \frac{2 \times 2 \times 2 \times 5 \times 2 \times 7}{7 \times 5} \\ = 2 \times 2 \times 2 \times 2 = 16$$

$$d) \frac{17}{13} : \frac{51}{26} = \frac{17 \times 26}{13 \times 51} = \frac{17 \times 13 \times 2}{13 \times 17 \times 3} = \frac{2}{3}$$