

Ex 32 p 100

$$A = \frac{4}{15} \times \frac{3}{4} - \frac{13}{15}$$
$$= \frac{3}{15} - \frac{13}{15} = -\frac{10}{15} = -\frac{2}{3}$$

$$D = \left(\frac{3}{5} - \frac{3}{25}\right) \times \frac{5}{4} + 1$$
$$= \left(\frac{15}{25} - \frac{3}{25}\right) \times \frac{5}{4} + 1$$
$$= \frac{12}{25} \times \frac{5}{4} + 1$$
$$= \frac{3 \times 4}{5 \times 5} \times \frac{5}{4} + 1$$
$$= \frac{3}{5} + 1 = \frac{3}{5} + \frac{5}{5} = \frac{8}{5} = \frac{16}{10} = 1,6$$

$$E = 3 + \frac{-2}{3} \times \frac{3}{-4} \times \frac{4}{5} \times \frac{5}{-6}$$
$$= 3 + \frac{-2}{6}$$
$$= \frac{18}{6} + \frac{-2}{6} = \frac{16}{6} = \frac{8}{3}$$

Ex 64 p 103

$$A = \left(\frac{-4}{5} \times \frac{13}{-3}\right) \div \left(\frac{-5}{4} \times \frac{3}{-11}\right)$$
$$= \frac{-4}{5} \times \frac{13}{-3} \times \frac{-4}{5} \times \frac{11}{-3} = \frac{2288}{225}$$

$$D = -\frac{32}{15} \div \left[\left(-\frac{3}{16}\right) \times \frac{4}{5} \times \frac{25}{16}\right]$$
$$= -\frac{32}{15} \div \left[\frac{-3}{4 \times 4} \times \frac{4}{5} \times \frac{5 \times 5}{16}\right]$$
$$= -\frac{32}{15} \div \left[\frac{-3}{4} \times \frac{5}{16}\right]$$
$$= -\frac{32}{15} \div \frac{-15}{64}$$
$$= \frac{32}{15} \times \frac{64}{15} = \frac{2048}{225}$$