

Exercice 2-2

$$A = \frac{5 \times 4}{10 \times 4} + \frac{8 \times 2}{25 \times 2}$$

$$= \frac{20}{40} + \frac{16}{40}$$

$$= \frac{36}{40}$$

$$B = \frac{3 \times 6}{5 \times 6} - \frac{5 \times 5}{6 \times 5}$$

$$= \frac{18}{30} + \frac{25}{30}$$

$$= \frac{43}{30}$$

$$C = \frac{7 \times 7}{8 \times 7} - \frac{3}{56}$$

$$= \frac{14}{56} - \frac{3}{56}$$

$$= \frac{11}{56}$$

$$D = \frac{39}{8} - \frac{2 \times 8}{1 \times 8}$$

$$= \frac{39}{8} - \frac{16}{8}$$

$$= \frac{23}{8}$$

$$E = \frac{7 \times 7}{6 \times 7} + \frac{4 \times 2}{21 \times 2}$$

$$= \frac{49}{42} + \frac{8}{42}$$

$$= \frac{57}{42}$$