

Solución problemas

$$\triangle (2) \quad \left(\frac{1}{2}\right)^{\frac{1}{2}} \cdot \left(\frac{1}{2}\right)^{\frac{2}{3}} \quad + \quad \frac{1(3) \cdot 2(2)}{2(3) \cdot 3(2)} = \frac{3+4}{6} = \frac{7}{6}$$

$$R = \frac{1}{2} \frac{7}{6}$$

$$R(3) \quad \frac{3^2 \sqrt{3}}{3^5}$$

$$\frac{3^2 \cdot 3^{\frac{1}{2}}}{3^5}$$

$$\frac{3^{\frac{2}{2}} \cdot 3^{\frac{1}{2}}}{3^{\frac{5}{2}}}$$

$$\frac{2}{1} + \frac{1}{2} = \frac{4+1}{2}$$

$$\frac{1}{1} \frac{3^{\frac{5}{2}}}{3^{\frac{5}{2}}}$$

$$\frac{5(1) \cdot 5(2)}{2(1) \cdot 1(2)}$$

$$\frac{5+10}{2 \cdot 2} = \frac{-5}{2}$$

$$R = -\frac{5}{2}$$

$$4 \quad \frac{2}{3} \quad \left(\frac{2}{3}\right)^{\frac{3}{4}}$$

$$\frac{2^1}{5} = \frac{2}{5} \frac{3}{4}$$

$$\frac{1(4) \cdot 3(1)}{1(4) \cdot 4(1)}$$

$$\frac{4-3}{4} = \frac{1}{4}$$

$$R = \frac{2}{5} \frac{1}{4}$$