Usuń niewymierność z mianownika

(1) $\dfrac{1}{\sqrt{2}}$ (2) $\dfrac{1}{\sqrt{3}}$ (3) $\dfrac{1}{\sqrt{7}}$ (4) $\dfrac{1}{\sqrt{4}}$

(5) $\dfrac{\sqrt{2}}{\sqrt{3}}$ (6) $\dfrac{\sqrt{2}+1}{\sqrt{5}}$ (7) $\dfrac{\sqrt{2}+\sqrt{3}}{\sqrt{7}}$ (8) $\dfrac{\sqrt{7}-2}{\sqrt{2}}$

(9) $\dfrac{2-\sqrt{11}}{\sqrt{3}}$ (10) $\dfrac{3\sqrt{3}}{\sqrt{2}}$ (11) $\dfrac{3\sqrt{7}-2\sqrt{2}}{3\sqrt{2}}$ (12) $\dfrac{-\sqrt{7}-1}{-\sqrt{2}}$

(13) $\dfrac{1}{\sqrt{2}+1}$ (14) $\dfrac{1}{\sqrt{2}-1}$ (15) $\dfrac{\sqrt{2}}{\sqrt{5}-1}$ (16) $\dfrac{3\sqrt{2}}{\sqrt{7}+3}$

(17) $\dfrac{2\sqrt{3}-4}{1-\sqrt{2}}$ (18) $\dfrac{\frac{1}{2}+\sqrt{2}}{\sqrt{2}-2}$ (19) $\dfrac{\sqrt{2}-\sqrt{3}}{\sqrt{5}-\sqrt{7}}$ (20) $\dfrac{\sqrt{3}-3\sqrt{2}}{\sqrt{7}+2\sqrt{3}}$

Oblicz

(21) $\left(\frac{3+\sqrt{2}}{2}\right)$

(22) $\left(\frac{1+\sqrt{3}}{\sqrt{2}}\right)$

(23) $3 \cdot \sqrt[3]{27} + 3$

(24) $\frac{1}{8}\left(4 - \frac{\sqrt{2}}{3}\right)^2$

(25) $-\left[\sqrt{2} - \sqrt{3} \cdot (\sqrt{6} - 1)\right]$

(26) $(\sqrt{2} + \sqrt{3})(\sqrt{2} - \sqrt{3})$

(27) $(3 \cdot 3^{\frac{1}{2}} + 3^{\frac{1}{3}}) \cdot \sqrt{3}$