10. Gyak.
Integrál

1. (a) $\int \frac{\sqrt[3]{x^2}\cdot\sqrt{x^3}}{\sqrt[4]{x}}$
   (b) $\int \frac{(2x+1)^2}{x}$
   (c) $\int \frac{(x-2)^3}{x^2}$
   (d) $\int (2x-3)^{10}$
   (e) $\int \frac{3}{(2x-4)^4}$
   (f) $\int \sqrt[3]{(2x+1)^2}$
   (g) $\int \frac{3}{\sqrt[4]{x+2}}$
   (h) $\int \frac{x^2-3x+4}{\sqrt{x}}$

2. (1) $\int \sin(3x+2)$
   (2) $\int \cos(2x-1)$
   (3) $\int \sin^2 x$
   (4) $\int \cos^2 x$
   (5) $\int \sin 2x \cdot \sin 3x$
   (6) $\int \cos 2x \cdot \cos 4x$
   (7) $\int \sin 5x \cdot \cos 3x$
   (8) $\int 2\sinh(4x+2)$
   (9) $\int \sinh^4 x$
   (10) $\int \cosh^4 x$
   (11) $\int \sin^5 x$
   (12) $\int \cos^3 x$
   (13) $\int 3^x \cdot 2^{2x}$
   (14) $\int \frac{3\cdot e^x}{2\cdot e^{3x}}$
   (15) $\int \frac{1}{2x+1}$
   (16) $\int \frac{3}{2+x^2}$
   (17) $\int \frac{2}{2+3x^2}$
   (18) $\int \frac{2}{\sqrt{4-x^2}}$
   (19) $\int \frac{2}{2-2x^2}$
   (20) $\int \frac{3}{\sqrt{4+x^2}}$
   (21) $\int \frac{2}{\sqrt{9x^2-1}}$
   (22) $\int \frac{3}{\sqrt{x^2-4}}$
   (23) $\int \sin x \cdot \cos^4 x$
   (24) $\int \cos x \cdot \sin^5 x$
   (25) $\int \frac{2x}{1+x^2}$
   (26) $\int e^{\sin x} \cdot \cos x$
   (27) $\int \frac{\ln^3 x}{x}$
   (28) $\int \frac{x^2}{\sqrt{1-x^6}}$
   (29) $\int \frac{\sin 2x}{3+\sin^2 x}$
   (30) $\int \frac{\cos x}{\sqrt{1+\sin x}}$

3. (a) $\int \arcsin x$
   (b) $\int \left(x^2+2x\right)\cdot 3^{-x}$
   (c) $\int (2x+1)\cos 4x$
   (d) $\int (3x-1)\sin x \cdot \cos x$
   (e) $\int (2x-1)\left(\cos^2 x - \sin^2 x\right)$
   (f) $\int e^{-2x}\cdot \sin 3x$
   (g) $\int 2^x \cdot \cos 2x$
   (h) $\int \left(3x^2+x\right)\sinh 2x$
   (i) $\int (2-x)^2 \cdot \cosh 3x$
   (j) $\int \cosh x \cdot \cos 5x$
   (k) $\int \frac{\sin x}{e^{3x}}$