(1)
$$\int \sin x \, dx$$
, $\int \sin^2 x \, dx$, $\int \sin^3 x \, dx$, $\int \sin^3 x \, dx$
(2) $\int \tan x \, dx$, $\int \tan^2 x \, dx$, $\int \tan^3 x \, dx$, $\int \tan^3 x \, dx$
(3) $\int \sec x \, dx$, $\int \sec^2 x \, dx$, $\int \sec^2 x \, dx$
(4) $\int e^x \, dx$, $\int x e^x \, dx$, $\int x e^{x^2} \, dx$
(5) $\int e^x \, dx$, $\int x e^x \, dx$, $\int x e^{x^2} \, dx$
(6) $\int 14x^2 \, dx$, $\int x e^{x} \, dx$, $\int x e^{x^2} \, dx$, $\int x \cdot dx = x \cdot dx$
(7) $\int (1-2x)^{10} \, dx$, $\int x \cdot (1-2x)^{10} \, dx$, $\int x \cdot (1-x^2)^{10} \, dx$
(8) $\int \frac{1}{1+x^2} \, dx$, $\int \frac{x}{1+x^2} \, dx$, $\int \frac{x^2}{x^2+x^2+3} \, dx$, $\int \frac{x^3}{x^2+x^2+3} \, dx$
(9) $\int \frac{1}{x^2+2x+3} \, dx$, $\int \frac{x}{x^2+x^2+3} \, dx$, $\int \frac{x^3}{x^2+x^2+3} \, dx$, $\int \frac{x^3}{x^2+x^2+3} \, dx$
(10) $\int \frac{1}{x^2+x^2+3} \, dx$, $\int \frac{x}{x^2+x^2-3} \, dx$, $\int \frac{x^3}{x^2+x^2-3} \, dx$
 $\int \frac{x}{x^2+x^2+3} \, dx$, $\int \frac{x}{x^2+x^2-3} \, dx$, $\int \frac{x}{x^2-x^2-3} \, dx$