Direct integration (or direct inspection)

Examples:

$$\int 3 dx = 3x + C$$

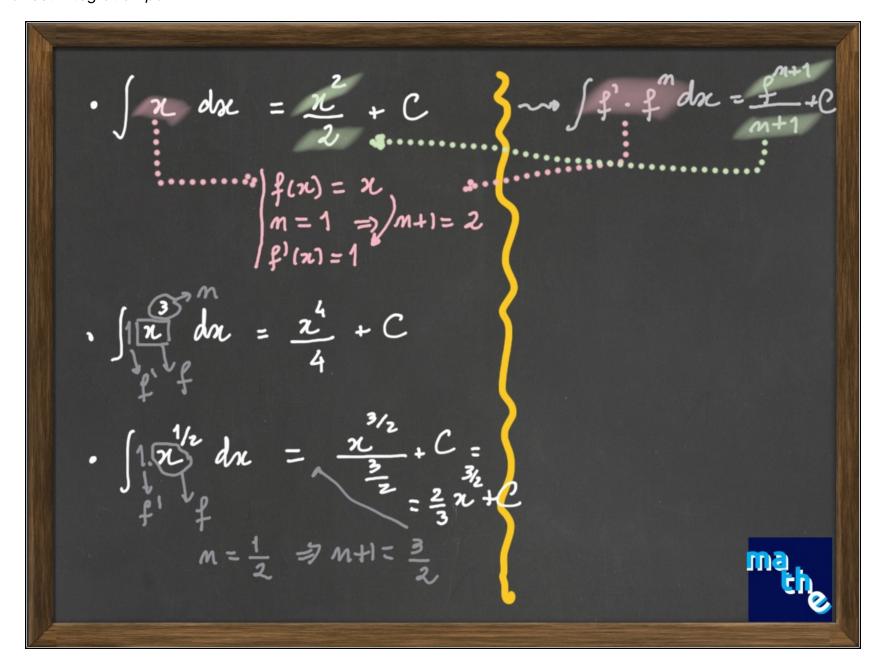
$$\int \frac{1}{2} dx = \frac{x}{2} + C$$

$$\int -5 dx = -5x + C$$

$$\int 10^{3} dx = 10^{3}x + C$$

To mula
$$(Kx+C) = K$$

$$(Kx+C) = K$$



direct integration.pdf Page 3 of 3

$$\int_{1}^{1} (|x+1|)^{3} dx^{n} = \frac{(x+1)^{4}}{4} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{2} 2x \cdot (|x^{2}+1|)^{3} dx = \frac{(x^{2}+1)^{11}}{11} + C$$

$$\int_{1}^{$$