Student Name: _____

Score:

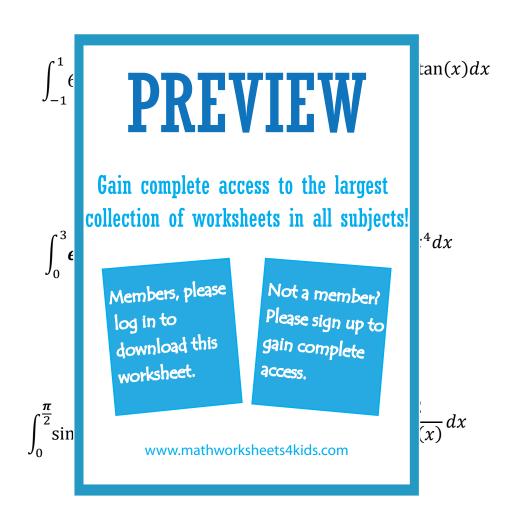
Definite Integrals

Sheet 1

Integrate the following w.r.t. \boldsymbol{x}

$$\int_0^2 x^3 dx$$

$$\int_{\frac{\pi}{6}}^{\frac{\pi}{2}} \sqrt{3} \sin(x) dx$$



$$\int_{3}^{4} \frac{2}{x} dx$$

$$\int_{\frac{\pi}{4}}^{\frac{\pi}{2}} \cos(2x) dx$$

Student Name: _

Score:

Answer key

Definite Integrals

Sheet 1

4

4

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 $2 \ln 4 - 2 \ln 3$