Each problem is worth 0 points. In the event of an actual quiz, you would have received warning.

Evaluate the following integrals:

1.
$$\int \sin^3 \theta \cos^2 \theta \, d\theta$$

Hint: Let $u = \cos \theta$.

2.
$$\int x^3 e^{(x^2)} dx$$

Hint: Let $u = x^2$.

3.
$$\int \frac{\sqrt{x+4}}{x} dx$$
Hint: Let $u = \sqrt{x+4}$.

4.
$$\int \frac{1}{\sqrt{x} - \sqrt[3]{x}} dx$$
Hint: Let $u = \sqrt[6]{x}$.

5.
$$\int \tan^3 t \cos^2 t \, dt$$
Hint: Rewrite in sin and cos.

6.
$$\int \frac{x}{x^4 + 1} dx$$

Hint: Let $u = x^2$

7.
$$\int x \csc x \cot x \, dx$$
Hint: Parts.

8.
$$\int \frac{x-1}{x^2 - 4x - 5} dx$$

Hint: Partial Fractions.

9.
$$\int \pi \, d\theta$$
 Hint: Easy.

10.
$$\int \tan^3 x \sec^2 x \, dx$$
Hint: Let $u = \tan x$.

11.
$$\int \frac{x^2}{x^2 + 1} dx$$

Hint: Divide.

12.
$$\int x \arccos x \, dx$$

Hint: Parts.