

1/28/13  
Name

**Quiz - Sections 7.2 & 7.3**

1. Section 7.2, 17

$$\int \cos^2 x \tan^3 x \, dx$$

2. Section 7.2, 27

$$\int \tan^3 x \sec^4 x \, dx$$

3. Section 7.2, 43

$$\int \sin 8x \cos 5x \, dx$$

4. Section 7.3, 7

$$\int \frac{1}{x^2 \sqrt{25 - x^2}} dx$$

5. Section 7.3, 17

$$\int \frac{x}{\sqrt{x^2 - 7}} dx$$

6. Section 7.3, 27

$$\int \sqrt{x^2 + 2x} dx$$