Try the following practice problems for Exam 1

1. \( \int \frac{1}{x\sqrt{25x^2 - 16}} \, dx \)

2. \( \int_{0}^{3/2} \frac{1}{\sqrt{9 - x^2}} \, dx \)
Try the following practice problems for Exam 1

3. \[ \int_{0}^{3} \frac{2x}{x^2 + 4} \, dx \]

4. \[ \int \frac{3x^2}{x^2 + x - 30} \, dx \]
Try the following practice problems for Exam 1

5. \[ \int \frac{1}{x^2 \sqrt{x^2 + 1}} \, dx \]

6. \[ \int \frac{1}{x^2 + x - 30} \, dx \]
Try the following practice problems for Exam 1

7. \( \int \sin(2x) \cos(3x) \, dx \)

8. \( \int \ln(x + 1) \, dx \)
Try the following practice problems for Exam 1

9. \[ \int \frac{1}{x^2 + 4x + 10} \, dx \]

10. \[ \int \sin^5 x \, dx \]