Upper 6 Chapter 11

Integration

Chapter Overview

1. Integration
2. Integrals of the form
3. Using Trigonometric Identities
4. The Reverse Chain Rule
5. Integration by Substitution
6. Integration by Parts
7. Integration Using Partial Fractions
8. Area Under a Curve
9. The Trapezium Rule
10. Parametric Equations
11. Differential Equations
12. Forming Differential Equations

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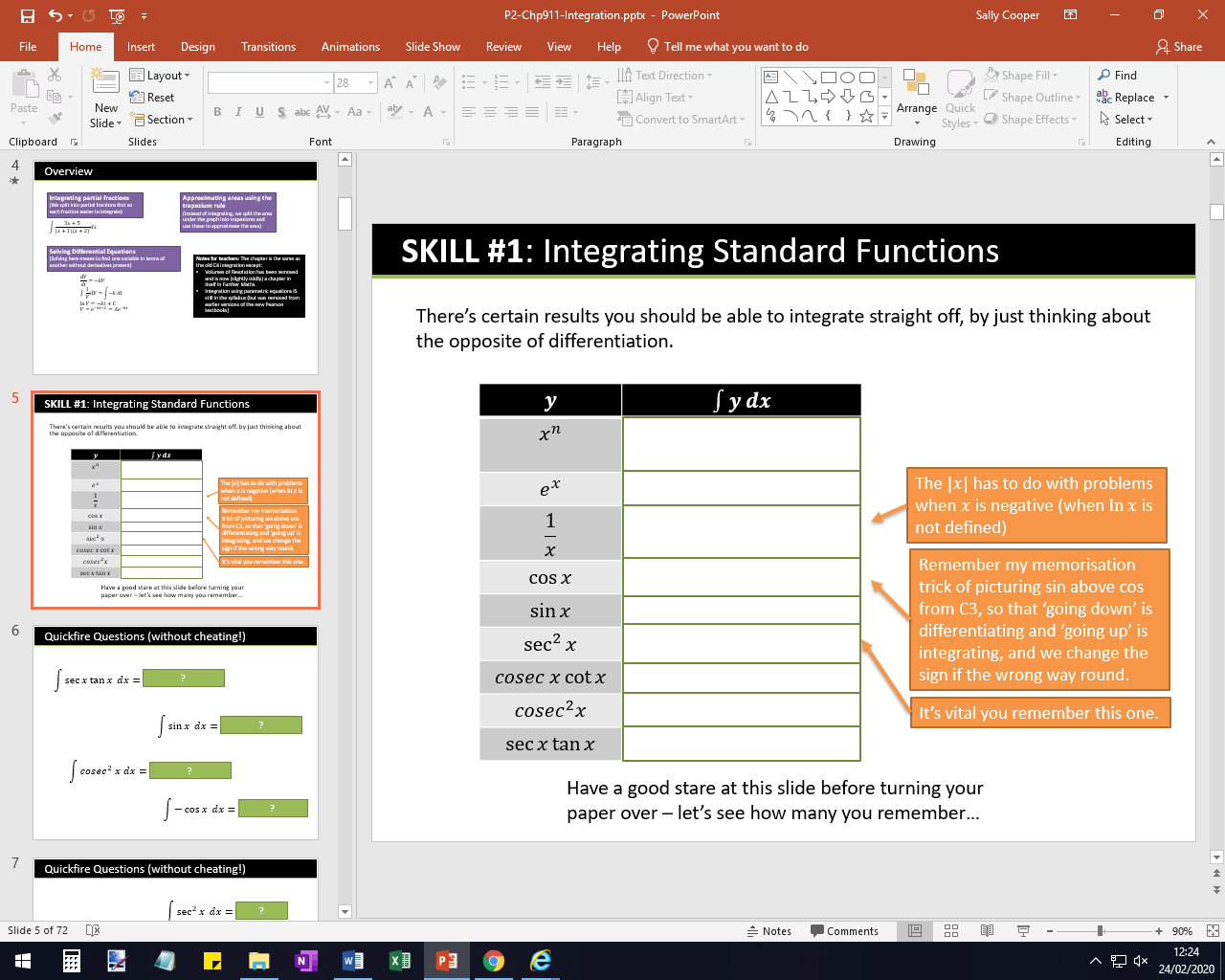
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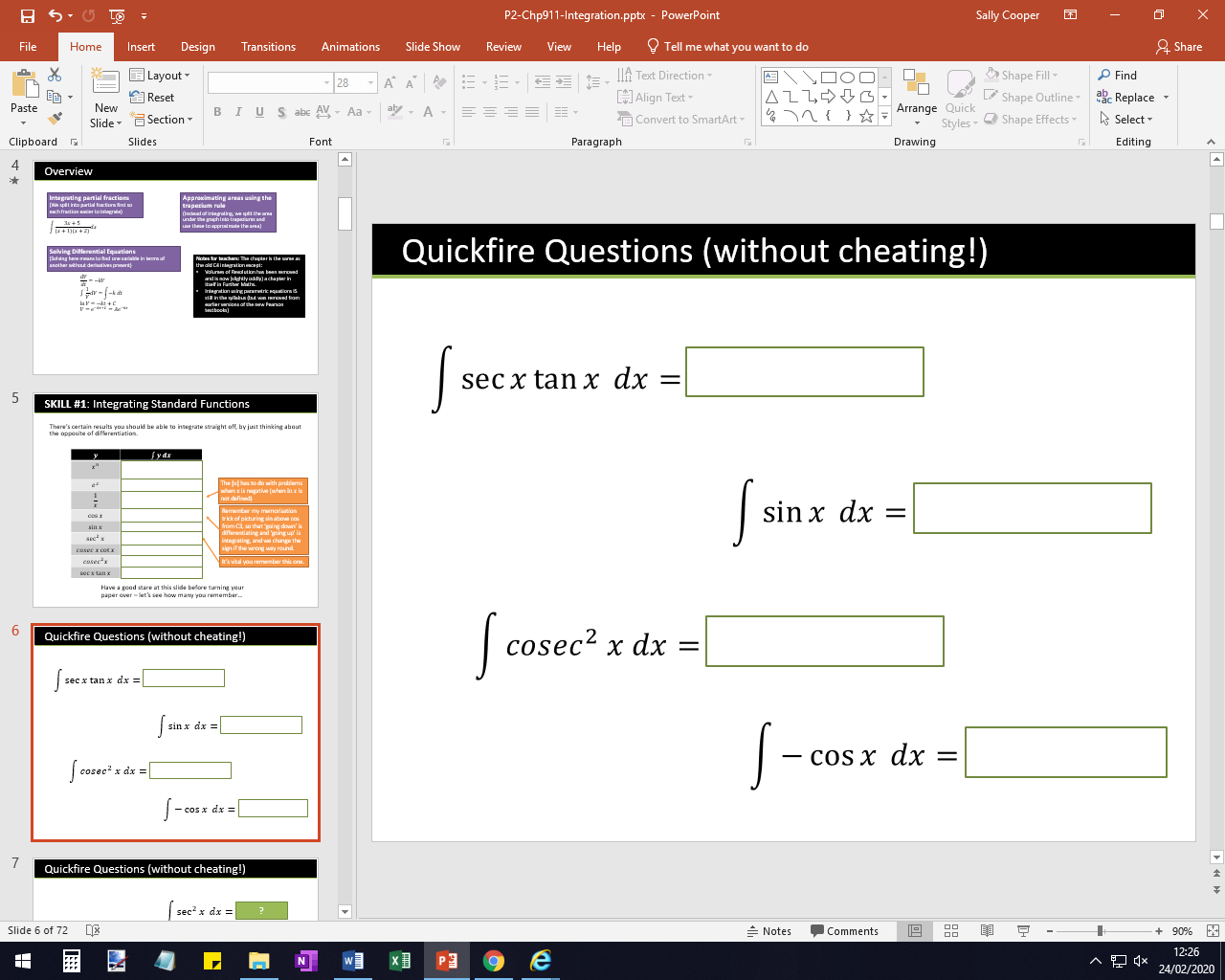
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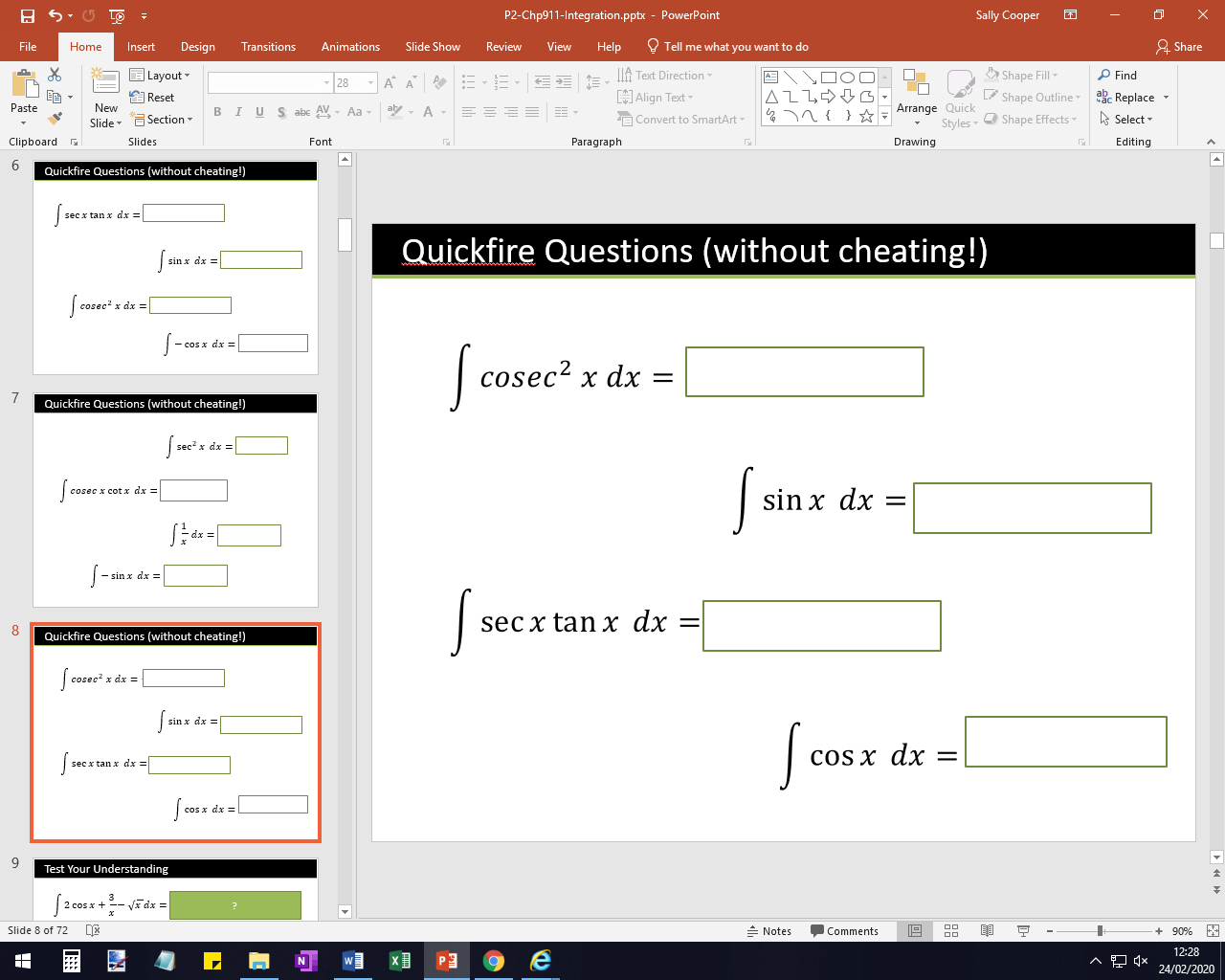
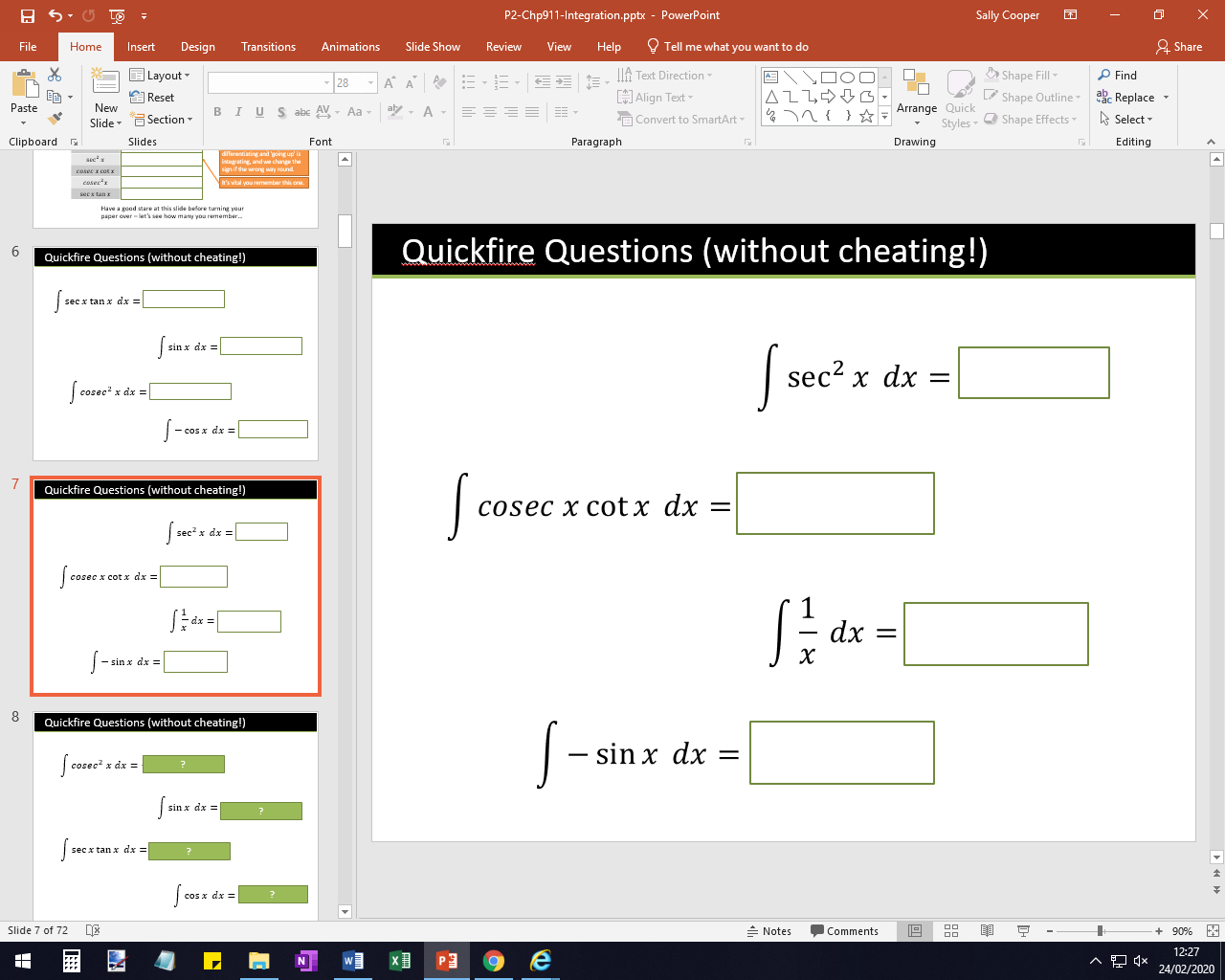
**INTEGRATION**

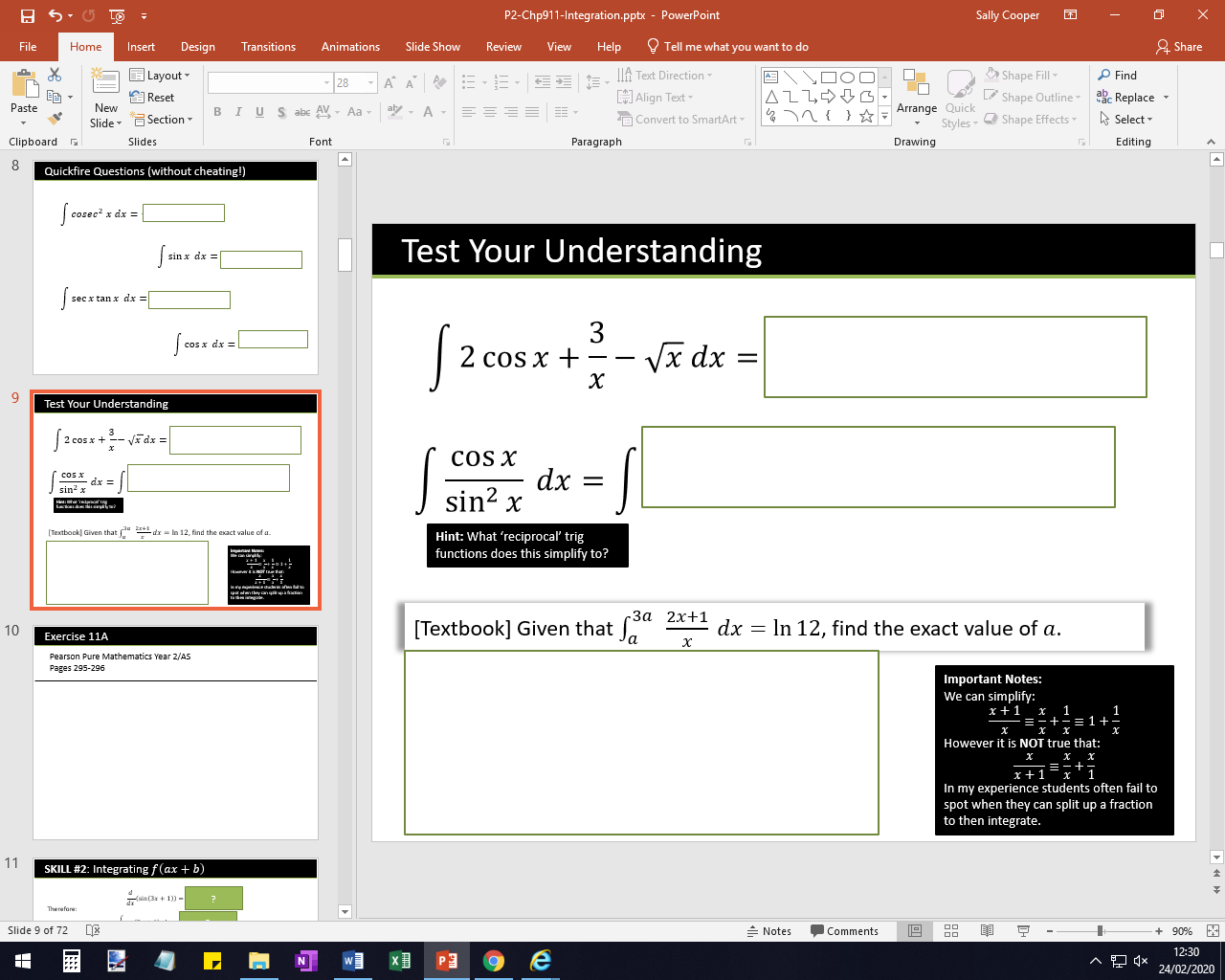
Integration is the reverse of differentiation. We use known derivatives to integrate.

**The following are integrals that you should know:**









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