**USING TRIGONOMETRIC IDENTITIES**

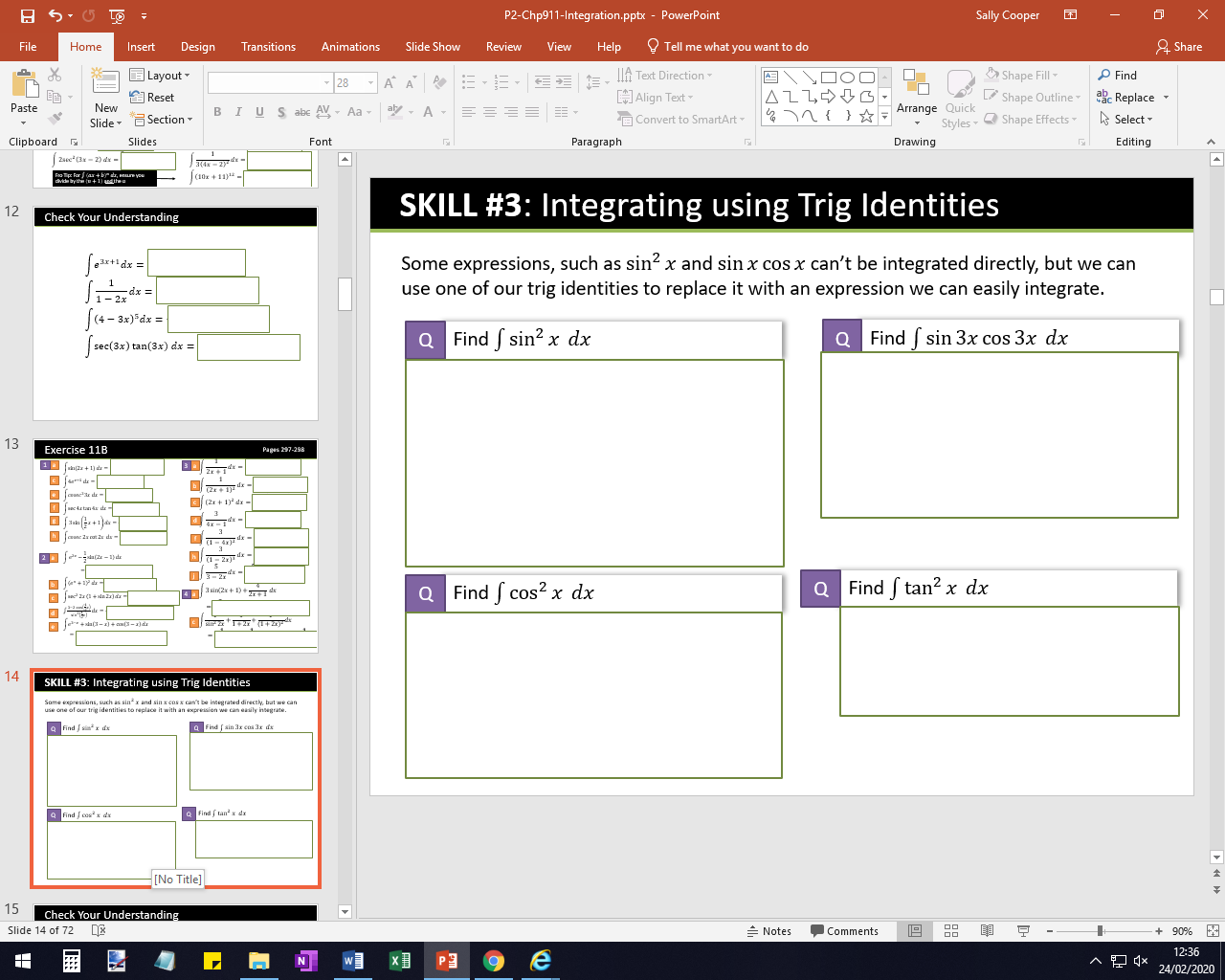
**The following are identities that you should know:**

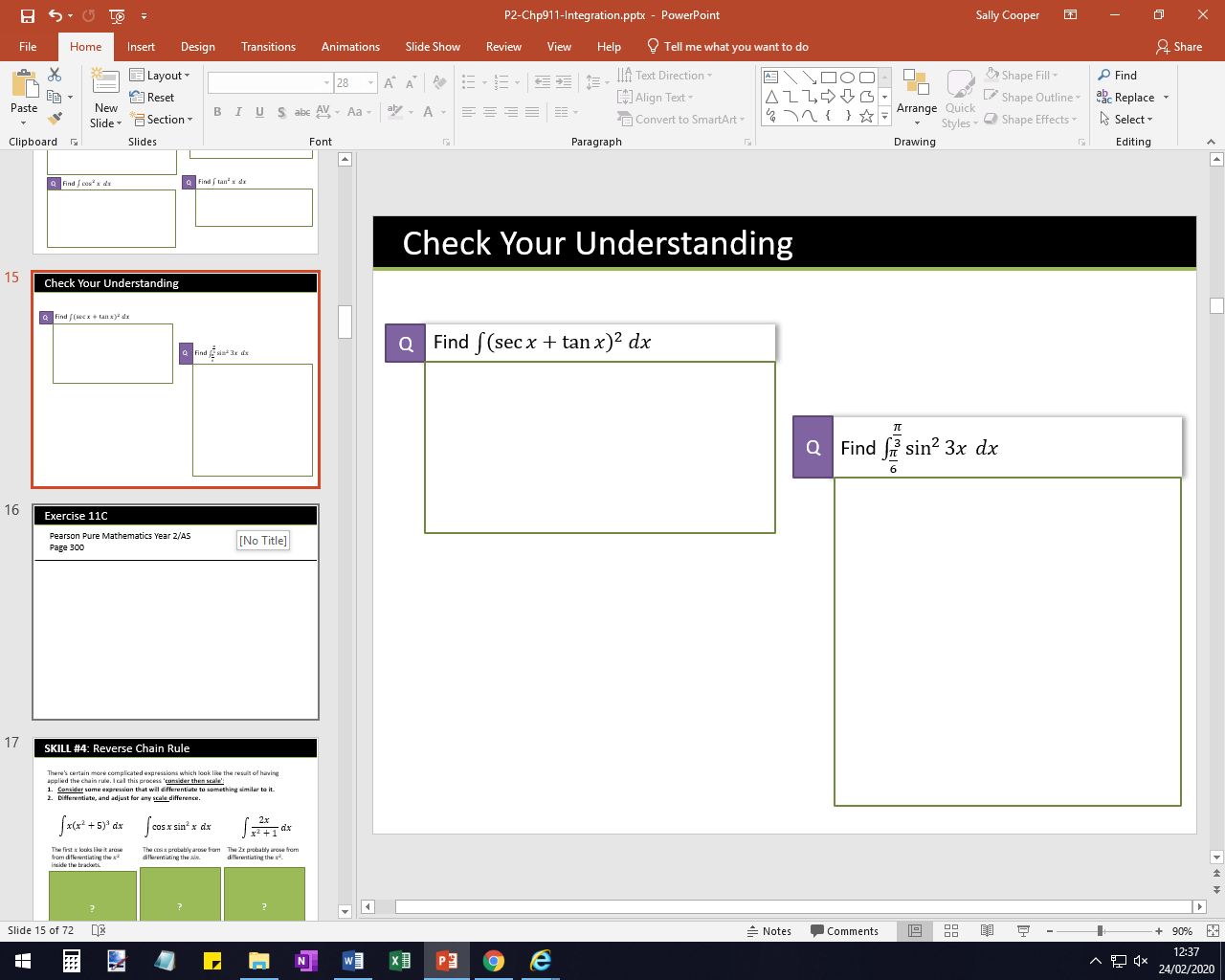
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We can use these identities to transform an expression that *cannot* be integrated into one that *can* be integrated.

**These first examples focus on manipulation of the identities rather than integration.**

**Examples**





**Further examples**

Show that

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