**9.1 Solving Systems of Linear Equations using Substitution**

**Goals**

* Solving systems of linear equations algebraically using substitution

**Vocabulary**

1. Substitution Method

**Notes**

USING THE SUBSTITUTION METHOD…

**Examples**

1. Admission to the Abbotsford Airshow cost $80 for a car with two adults and three children. Admission for a car with two adults costs $50. Use algebra to determine the cost for one adult and one child, and the cost for one adult. There is no charge for vehicles or parking.
2. Olivia and Emma are at a dance recital, where 220 people show up. Tickets cost $9 for an adult and $6 for a child. The dance school collected $1614 in ticket sales. How many adults and how many children attended the recital?

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