

12 Days of ChrisMATH — Day 4

Level 1:

$$\begin{array}{rclcl} & \text{A} & + & \text{B} & = 21 \\ \text{B} & + & \text{B} & + & \text{B} = 39 \\ \text{C} & + & \text{C} & + & \text{A} = 20 \\ \text{C} & + & \text{B} & + & \text{A} = ? \end{array}$$

Level 2:

$$\begin{array}{rclcl} \text{C} & + & \text{C} & + & \text{B} = 9 \\ \text{B} & + & \text{B} & + & \text{C} = 30 \\ & & & & \text{B} = ? \end{array}$$

Level 3:

$$\begin{array}{rclcl} 7\text{B} & + & 2\text{C} & - & 2\text{A} + 5\text{D} = 975 \\ 3\text{B} & - & 2\text{C} & - & 3\text{A} + \text{D} = 159 \\ 3\text{B} & - & 2\text{C} & + & 3\text{A} + \text{D} = 567 \\ \text{B} & + & \text{C} & + & \text{A} + \text{D} = ? \end{array}$$