

## Please get out your colored papers from last week, we are going to finish going over the blue one.

3. Equations:

4. Equations:


Drawing:


$$
x+y+z=24
$$

$$
3 y+x=15
$$



$000=9$
5. Would the value $x=8$ make the following equations true simultaneously? Explain why or why not.

$$
\begin{aligned}
& \begin{array}{l}
x+2 y+3 z=100 \\
2 y+3 z=90
\end{array}
\end{aligned} \quad \begin{aligned}
& 8+y+3 z=100 \\
& 2 y+3 z=90
\end{aligned}
$$


6. Would the value $z=-9$ make the following equations true simultaneously? Explain why or why not.

7. Is $y=3$ a possible solution to the following system of equations? Explain why or why not.

8. After 3 weeks of saving up your allowances, you and your sister have $\$ 90$ altogether. The next week, you two were able to save $\$ 55$ because your grandma gave you two some extra cash on top of the regular allowance. How much did grandma give you? Show work.

