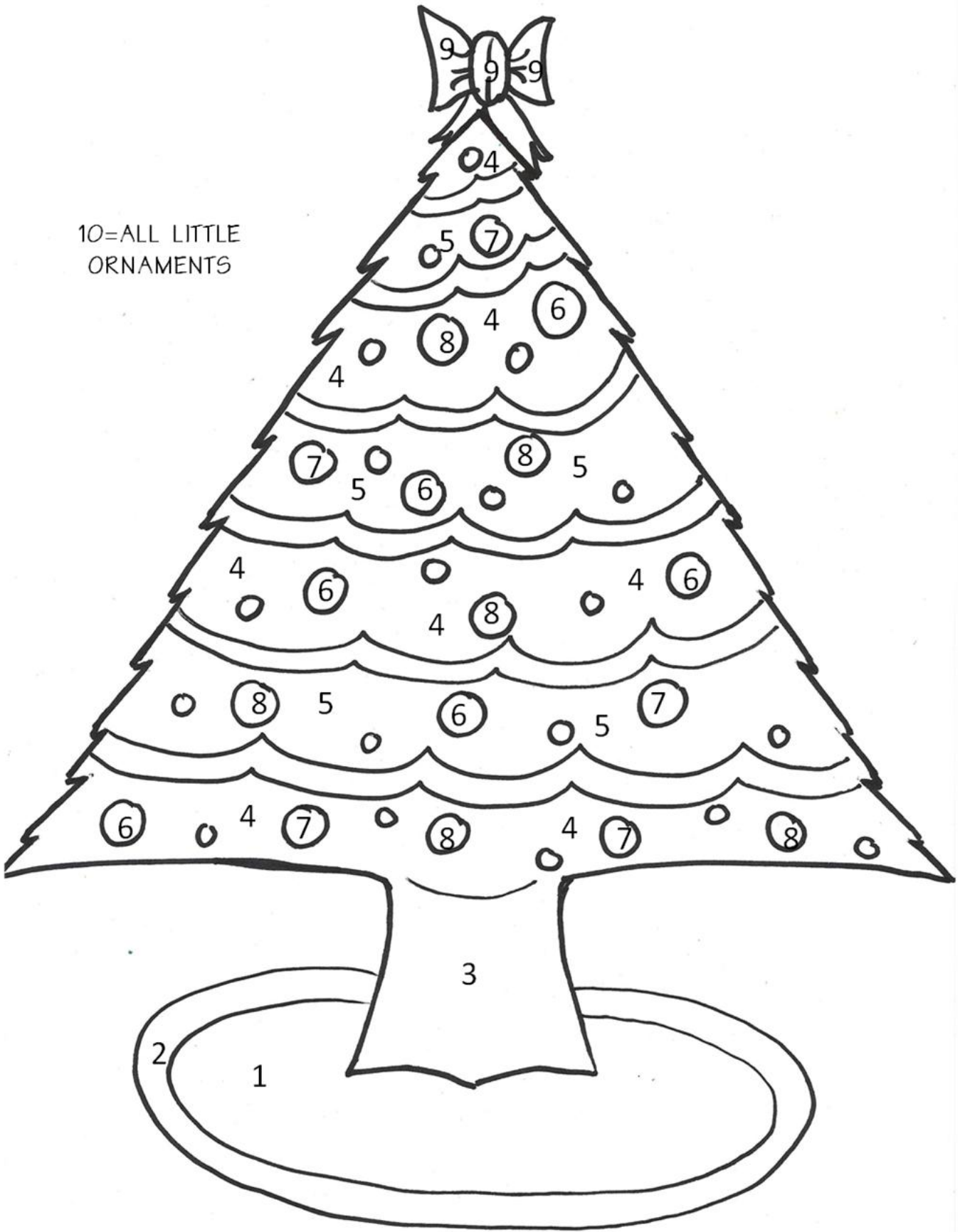


Solving  
Systems of  
Equations  
Color by  
Number:  
Light Up the  
Tree!

10=ALL LITTLE  
ORNAMENTS





Name \_\_\_\_\_ Date \_\_\_\_\_ Class \_\_\_\_\_



## Solving Systems of Equations: Light Up the Tree!

Directions: Solve the following problems on a separate sheet of paper. After solving a problem, then find the answer on the right. Color the numbered object according number of the problem and the color of the answer.

1.	$x + 3 = y$ $2x + y = 12$	No Solution → Green
2.	$4x - 4y = 20$ $2x + 4y = 28$	$(1, -5)$ → Purple
3.	$x - y = 6$ $5x + 2y = -5$	$(-4, 8)$ → Blue
4.	$y = 2x$ $2x - y = 10$	$(3, 6)$ → Gray
5.	$7x - 3y = 23$ $-5x + 2y = -12$	Infinitely Many → Light Blue
6.	$x = -4$ $2x + 5y = 32$	$(2, -1)$ → Orange
7.	$-2x + 3y = 8$ $-4x + 3y = -2$	$(8, 3)$ → Pink
8.	$3x - 5y = 22$ $-9x + 15y = -66$	$(-2, 2)$ → Light Green
9.	$9x - 2y = 20$ $2x + y = 3$	$(5, 6)$ → Red
10.	$-x = -y + 4$ $x + y = 0$	$(-10, -31)$ → Yellow



Name \_\_\_\_\_ Key \_\_\_\_\_ Date \_\_\_\_\_ Class \_\_\_\_\_



## Solving Systems of Equations: Light Up the Tree!

Directions: Solve the following problems on a separate sheet of paper. After solving a problem, then find the answer on the right. Color the numbered object according number of the problem and the color of the answer.

1.	$x + 3 = y$ $2x + y = 12$	Gray	No Solution → Green
2.	$4x - 4y = 20$ $2x + 4y = 28$	Pink	(1, -5) → Purple
3.	$x - y = 6$ $5x + 2y = -5$	Purple	(-4, 8) → Blue
4.	$y = 2x$ $2x - y = 10$	Green	(3, 6) → Gray
5.	$7x - 3y = 23$ $-5x + 2y = -12$	Yellow	Infinitely Many → Light Blue
6.	$x = -4$ $2x + 5y = 32$	Blue	(2, -1) → Orange
7.	$-2x + 3y = 8$ $-4x + 3y = -2$	Red	(8, 3) → Pink
8.	$3x - 5y = 22$ $-9x + 15y = -66$	Light Blue	(-2, 2) → Light Green
9.	$9x - 2y = 20$ $2x + y = 3$	Orange	(5, 6) → Red
10.	$-x = -y + 4$ $x + y = 0$	Light Green	(-10, -31) → Yellow

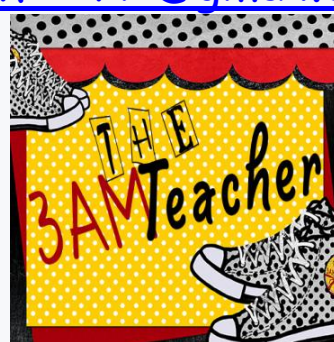
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