Math 6 - Unit 4: One-Step Equations and Inequalities	s Name:	
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Get a Clue (Solving Equations)

Class Period: 1 2 3 4 Date: \_\_\_\_\_

## Solve each equation and check your solution. You must show all work to get credit!

one each equation and check your solution. Too most show all work to get creati:				
Who?	1) $\frac{x}{12} = 12$	2) m + 1 = 2.2	3) p - 12 = 18	
Jughead Archie				
Betty Veronica	4) $\frac{n}{3} = 1.5$	5) $x + 23 = 30$	6) 20 = 4 <i>x</i>	
Cheryl Reggie				
Toni				
Gweet Pea				
Where?	7) $x + 0.5 = 4.5$	8) $75 + x = 100$	9) $16x = 32$	
Riverdale High Archie's House				
Gweetwater River Pops Chock'lit Shoppe				
Betty's House	10) x - 8 = 19	$11) x \div 3 = 4$	12) $10x = 1000$	
Football Field Twilight Drive-In				
Thornhill Mansion				
What?	12) 1- 1- 05 - 1- (	14) ** 2 = 0	15) × _ 12	
Cell Phone Football	13) $k + 0.5 = 1.6$	14   x - 3 = 0	15) $\frac{x}{10} = 12$	
Crown				
Gargoyle Spider Pin				
Bulldog Water Polo Ball	16) $5x = 100$	17) $10 + x = 21$	18) $2x = 16.4$	
Newspaper				
	19) $x + \frac{2}{3} = 3$	20) $\frac{x}{18} = 3$	21) $\frac{1}{7}x = 12$	
RIVERDALE	5	10	,	

Who? \_\_\_\_\_ Where? \_\_\_\_ What? \_\_\_\_

Find your answers below to eliminate people, places and things to determine who did the crime, where they did it and what they did it with.

Jughead	Archie	Betty
25	1.1	84
Veronica  1 3	Cheryl 144	Reggie 7
Toni	Gweet Pea	Riverdale High
<b>2</b>	11	100
Archie's House	Gweetwater River	Pops Chock'lit Shoppe
4.5	12	20
Betty's House 54	Football Field 120	Twilight Drive-In $\frac{12}{7} = 1\frac{5}{7}$
Thornhill Mansion	Cell Phone	Football
1.2	5	3
Crown 4.7	Gargoyle <b>30</b>	Spider Pin 4
Bulldog 8.2	Water Polo Ball 27	Newspaper $\frac{7}{3} = 2\frac{1}{3}$