

# Pre-Algebra Unit 8.7 – Systems of Equations

1. Title each page with the **section number** and the assignment description. Include the date as part of your heading.
2. For each problem, **write the original information**. Show all process steps. Circle or box in the final answer. Use pencil.

February 2020

		<b>11</b> 2.5A  <b>Solving Systems Using Tables &amp; Graphs</b>  ✓ Hwk: Pg. 80 #3, 7-9, 12, 19, 22	<b>12</b> 2.5B  <b>Solving Systems Using Tables &amp; Graphs</b>  ✓ Hwk: Pg.80 ##2, 4, 5, 10, 6, 11 * yes, in this order	<b>13</b> 2.5 Practice  <b>Solving Systems Algebraically</b>  ✓ Hwk: none	<b>14</b> In Service Day  <b>No School</b>	<b>15</b>
<b>16</b>	<b>17</b> No School  <b>Presidents Day</b>	<b>18</b> 2.5C  <b>Solving Systems Algebraically</b>  ✓ Hwk: Pg. 80 #14-17, 20, 21	<b>19</b> Review 2.5  <b>*Mock Quiz 2.5</b>  ✓ Hwk: Review 2.5 wkst	<b>20</b> 2.6A  <b>Special Systems of Linear Equations</b>  ✓ Hwk: Pg.86 #1, 3, 4, 6, 8, 10, 13, 14, 20, 23	<b>21</b> 2.6B  <b>Special Systems of Linear Equations</b>  ✓ Hwk: Pg. 86 #2, 5, 7, 9, 11, 12, 14, 21, 22	<b>22</b>
<b>23</b>	<b>24</b> 3.5A  <b>Writing Systems of Linear Equations</b>  ✓ Hwk: Pg. 94 #1, 3, 4, 7, 10 AND Pg. 138 #7	<b>25</b> 3.5B  <b>Writing Systems of Linear Equations</b>  ✓ Hwk: Pg. 136 #3, 4, 6, 14, 17	<b>26</b> Review Part A  <b>Review 2.5-2.6, 3.5</b>  ✓ Hwk: Review Unit 8.7 packet	<b>27</b> Review Part B  <b>Review 2.5-2.6, 3.5</b>  ✓ Hwk: study for the test	<b>28</b> Test Unit 8.7  <b>Test Ch 2.5-2.6, 3.5</b>  ✓ Hwk: Year Review wkst.	<b>29</b>

## Essential Questions:

- What determines a solution to a system of equations?
- Can you tell whether a specific point is a solution to a system?
- What is the relationship between the lines in a system of equations that has no solution?
- Under what conditions does a system of equations have more than one solution?
- What determines the best method to use to solve a system of equations? (table, graph, algebraically)
- How can you use a system of linear equations to model and solve real life situations?

## Vocabulary:

- system of linear equations
- a solution of a system of linear equations

### Homework Club ☺

**Mondays & Wednesdays** 3:00-4:30 in Ms. Dunham-Bay's Classroom #66

\* Students have access to lesson tutorials on Ms. Dunham-Bay's YouTube channel.

<https://www.youtube.com/channel/UCfGZXVdXXDtV3NII4V0tR1A>

Go to the "playlists" and click on the unit you are working in.

\*\*Free online Tutor: [sled.alaska.edu/homework.html](http://sled.alaska.edu/homework.html)

\*\* Students on base also have tutoring available at the YS

