8th grade NEW Vocabulary Assignment

<table>
<thead>
<tr>
<th>WORD BANK for #1-15</th>
</tr>
</thead>
<tbody>
<tr>
<td>linear equation</td>
</tr>
<tr>
<td>standard form</td>
</tr>
<tr>
<td>slope-intercept form</td>
</tr>
<tr>
<td>trend line</td>
</tr>
<tr>
<td>Pythagorean theorem</td>
</tr>
</tbody>
</table>

1. ____________________ - an equation written in the form \( y = mx + b \)
2. ____________________ - the point where a line intersects the x-axis
3. ____________________ - a polygon with all sides and all angles congruent
4. ____________________ - the longest side in a right triangle
5. ____________________ - a graph showing the relationship between 2 data sets
6. ____________________ - a line that closely fits the data in a scatter plot
7. ____________________ - the two shorter sides in a right triangle
8. ____________________ - an equation whose graph is a straight line
9. ____________________ - the point where a line intersects the y-axis
10. ____________________ - a ratio that describes the tilt or slant of a line
11. ____________________ - an equation written in the form \( Ax + By = C \)
12. ____________________ - a relationship between two sets of data
13. ____________________ - notation that represents equations using \( f(x) \)
14. ____________________ - a closed 2-dimensional figure formed by the intersection of 3 or more line segments
15. ____________________ - in any right triangle, the sum of the squares of the legs is equal to the square of the hypotenuse
**8th grade NEW Vocabulary Assignment**

**WORD BANK for #16-28**

<table>
<thead>
<tr>
<th>corresponding angles</th>
<th>surface area</th>
<th>permutation</th>
</tr>
</thead>
<tbody>
<tr>
<td>complementary angles</td>
<td>transversal</td>
<td>combination</td>
</tr>
<tr>
<td>supplementary angles</td>
<td>scientific notation</td>
<td>interest</td>
</tr>
<tr>
<td>alternate interior angles</td>
<td>vertical angles</td>
<td></td>
</tr>
<tr>
<td>alternate exterior angles</td>
<td>adjacent angles</td>
<td></td>
</tr>
</tbody>
</table>

16. __________________ - two angles whose measures add up to 180 degrees

17. __________________ - a line intersecting 2 other lines at 2 different points

18. __________________ - the sum of the areas of the base(s) and the lateral faces of a space figure

19. __________________ - a way to write numbers using a power of ten

20. __________________ - a fee that is paid by the person or entity who is borrowing money

21. __________________ - an arrangement in which order is important

22. __________________ - two angles whose measures add up to 90 degrees

23. __________________ - two angles that share a vertex and a side, but no interior points

24. __________________ - non-adjacent angles that lie on the same side of the transversal and in corresponding positions

25. __________________ - two angles formed by intersecting lines and are opposite of each other

26. __________________ - angles that are on opposite sides of the transversal, and are between the two lines

27. __________________ - angles that are on opposite sides of the transversal, and are outside the two lines

28. __________________ - an arrangement in which order is not important