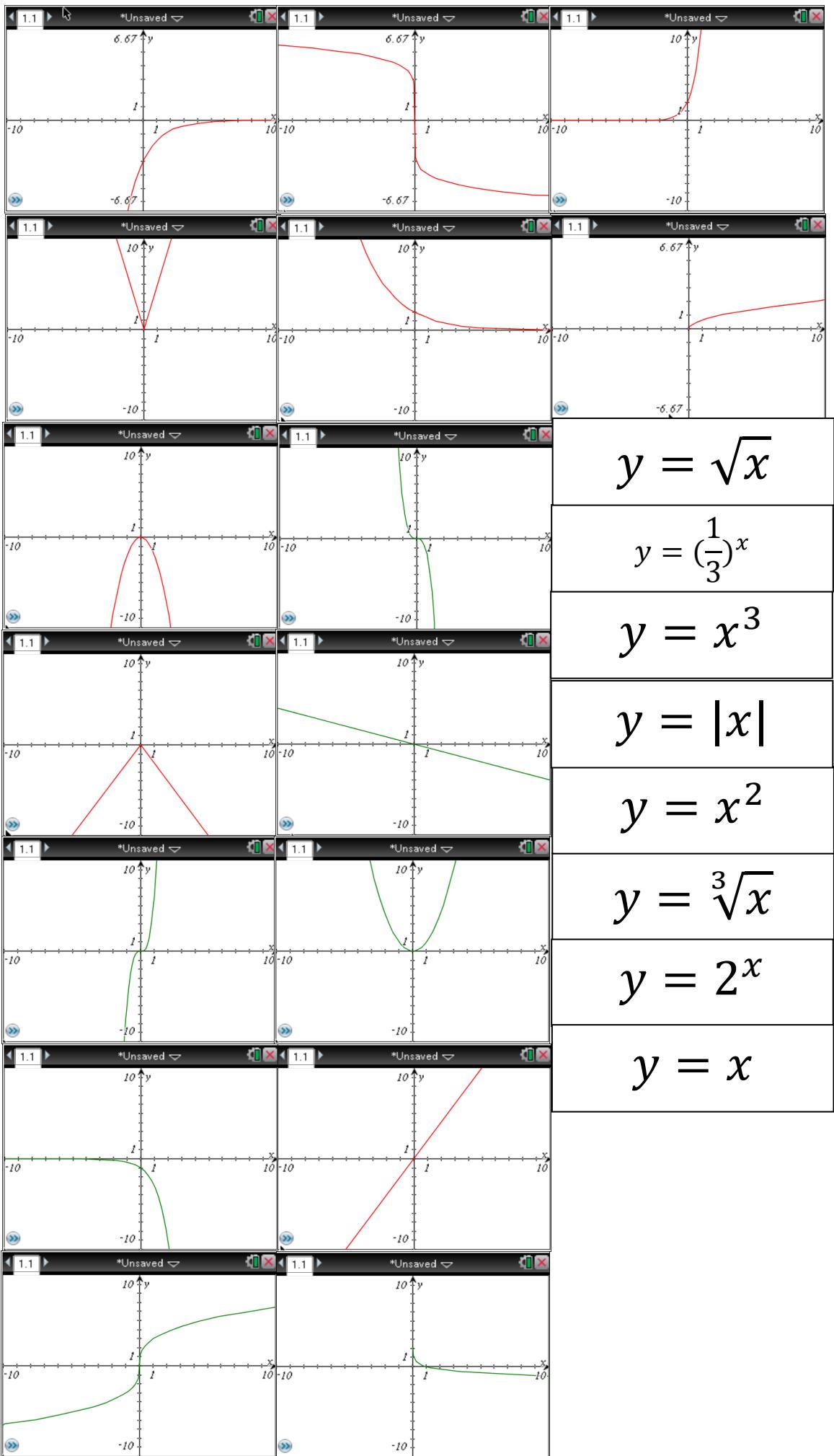


Name: _____ Hour: _____ Date: _____

Parent Functions and the Graphs Matching Activity

	<u>Linear Functions</u>	<u>Polynomial (QUADRATIC) Functions</u>	<u>Radical (SQUARE ROOT) Functions</u>	<u>Absolute Value Functions</u>
Equation of Parent Function:				
Graph 1:				
Graph 2:				
Real World Example:				

	<u>Polynomial (CUBIC) Functions</u>	<u>Radical (CUBIC ROOT) Functions</u>	<u>Exponential Growth</u>	<u>Exponential Decay</u>
Equation of Parent Function:				
Graph 1:				
Graph 2:				
Real World Example:				



<p>Jasmine's mother tells her she can travel 3 miles from her house in either direction; East or West.</p>	<p>Coach Cowell kicks a soccer ball in the air during gym class. He has the students measure the height of the ball from start to finish at 5 different times during the flight.</p>
<p>Bob bought a new truck for \$30,000. The value of his truck will depreciate by approximately 13% each year.</p> <p>Tessa deposited \$30 in a savings account earning 5% interest, compounded annually.</p> <p>Jon currently has \$45 in his wallet. He earns 2 dollars for every newspaper he sells on his route.</p>	