

Algebra 1
Section 6.4 Worksheet #1 (p319)

Name _____

1.
2.

6. a = growth factor = r = r (%) =	8. a = growth factor = r = r (%) =
10. a = growth factor = r = r (%) =	12. a = growth factor = r = r (%) =

14.
16.

17. a. b.	18. a. b.
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<p>20. $a =$</p> <p>decay factor =</p> <p>$r =$</p> <p>$r (\%) =$</p>	<p>22. $a =$</p> <p>decay factor =</p> <p>$r =$</p> <p>$r (\%) =$</p>
<p>24. $a =$</p> <p>decay factor =</p> <p>$r =$</p> <p>$r (\%) =$</p>	<p>26. $a =$</p> <p>decay factor =</p> <p>$r =$</p> <p>$r (\%) =$</p>

<p>28.</p>
<p>30.</p>

<p>34.</p> <table border="1" data-bbox="245 1388 407 1619"> <thead> <tr> <th>x</th> <th>y</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>32</td> </tr> <tr> <td>1</td> <td>28</td> </tr> <tr> <td>2</td> <td>24</td> </tr> <tr> <td>3</td> <td>20</td> </tr> </tbody> </table>	x	y	0	32	1	28	2	24	3	20	<p>36.</p> <table border="1" data-bbox="695 1388 857 1619"> <thead> <tr> <th>x</th> <th>y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>17</td> </tr> <tr> <td>2</td> <td>51</td> </tr> <tr> <td>3</td> <td>153</td> </tr> <tr> <td>4</td> <td>459</td> </tr> </tbody> </table>	x	y	1	17	2	51	3	153	4	459	<p>38.</p> <table border="1" data-bbox="1143 1409 1305 1640"> <thead> <tr> <th>x</th> <th>y</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>432</td> </tr> <tr> <td>5</td> <td>72</td> </tr> <tr> <td>7</td> <td>12</td> </tr> <tr> <td>9</td> <td>2</td> </tr> </tbody> </table>	x	y	3	432	5	72	7	12	9	2
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