## Patterns of Change in Two Variables

x y 0 0 0 1 1 1 2 2 3 10 10	<ol> <li>What is the pattern of change in the y-variables?</li> <li>Graph the relationship.</li> <li>What type of relationship exists between x and y?</li> <li>Give an equation to describe the relationship between x and y.</li> <li>Give the x and y intercepts.</li> <li>Complete the table.</li> </ol>	x y 0 1 2 2 4 3 6 4 5 10	7) What is the pattern of change in the y-variables? 8) Graph the relationship. 9) What type of relationship exists between x and y? 10) Give an equation to describe the relationship between x and y. 11) Give the x and y intercepts. 12) Complete the table.
x y 0 1 3 2 4 3 5 4 15	<ul> <li>13) What is the pattern of change in the y-variables?</li> <li>14) Graph the relationship.</li> <li>15) What type of relationship exists between x and y?</li> <li>16) Give an equation to describe the relationship between x and y.</li> <li>17) Give the x and y intercepts.</li> <li>18) Complete the table.</li> </ul>	x y 0 1 1 1 2 3 3 5 4 5 18	<ul> <li>19) What is the pattern of change in the y-variables?</li> <li>20) Graph the relationship.</li> <li>21) What type of relationship exists between x and y?</li> <li>22) Give an equation to describe the relationship between x and y.</li> <li>23) Give the x and y intercepts.</li> <li>24) Complete the table.</li> </ul>
x         y           -2         -1           -1         -3           0         -2           1         -1           2         0           6	<ul> <li>25) What is the pattern of change in the y-variables?</li> <li>26) Graph the relationship.</li> <li>27) What type of relationship exists between x and y?</li> <li>28) Give an equation to describe the relationship between x and y.</li> <li>29) Give the x and y intercepts.</li> <li>30) Complete the table.</li> </ul>	x y -1 2 0 0 1 -2 2 -4 3 5 8	<ul> <li>31) What is the pattern of change in the y-variables?</li> <li>32) Graph the relationship.</li> <li>33) What type of relationship exists between x and y?</li> <li>34) Give an equation to describe the relationship between x and y.</li> <li>35) Give the x and y intercepts.</li> <li>36) Complete the table.</li> </ul>
x y -3 -2 -7 -1 -4 0 -1 1 2 6 10	<ul> <li>37) What is the pattern of change in the y-variables?</li> <li>38) Graph the relationship.</li> <li>39) What type of relationship exists between x and y?</li> <li>40) Give an equation to describe the relationship between x and y.</li> <li>41) Give the x and y intercepts.</li> <li>42) Complete the table.</li> </ul>	x y -2 2 -1 1 0 0 1 1 2 2 5 11	<ul> <li>43) What is the pattern of change in the y-variables?</li> <li>44) Graph the relationship.</li> <li>45) What type of relationship exists between x and y?</li> <li>46) Give an equation to describe the relationship between x and y.</li> <li>47) Give the x and y intercepts.</li> <li>48) Complete the table.</li> </ul>
x y -3 -2 3 -1 2 0 1 1 2 6 14	<ul> <li>49) What is the pattern of change in the y-variables?</li> <li>50) Graph the relationship.</li> <li>51) What type of relationship exists between x and y?</li> <li>52) Give an equation to describe the relationship between x and y.</li> <li>53) Give the x and y intercepts.</li> <li>54) Complete the table.</li> </ul>	x y -2 4 -1 3 0 2 1 3 2 4 6 15	<ul> <li>55) What is the pattern of change in the y-variables?</li> <li>56) Graph the relationship.</li> <li>57) What type of relationship exists between x and y?</li> <li>58) Give an equation to describe the relationship between x and y.</li> <li>59) Give the x and y intercepts.</li> <li>60) Complete the table.</li> </ul>

x y -2 -1 2 0 0 1 2 2 4 3 6 10	<ul> <li>61) What is the pattern of change in the y-variables?</li> <li>62) Graph the relationship.</li> <li>63) What type of relationship exists between x and y?</li> <li>64) Give an equation to describe the relationship between x and y.</li> <li>65) Give the x and y intercepts.</li> <li>66) Complete the table.</li> </ul>	x y -2 -1 -1 0 1 1 3 2 5 17 27	67) What is the pattern of change in the y-variables? 68) Graph the relationship. 69) What type of relationship exists between x and y? 70) Give an equation to describe the relationship between x and y. 71) Give the x and y intercepts. 72) Complete the table.
x         y           0         0           1         1           2         4           3         9           4         16           6         11	<ul> <li>73) What is the pattern of change in the y-variables?</li> <li>74) Graph the relationship.</li> <li>75) What type of relationship exists between x and y?</li> <li>76) Give an equation to describe the relationship between x and y.</li> <li>77) Give the x and y intercepts.</li> <li>78) Complete the table.</li> </ul>	x         y           0         1           1         2           2         5           3         10           4         17           8         170	79) What is the pattern of change in the y-variables? 80) Graph the relationship. 81) What type of relationship exists between x and y? 82) Give an equation to describe the relationship between x and y. 83) Give the x and y intercepts. 84) Complete the table.
x         y           -2         4           -1         1           0         0           1         1           2         4           3         9           5         5	<ul> <li>85) What is the pattern of change in the y-variables?</li> <li>86) Graph the relationship.</li> <li>87) What type of relationship exists between x and y?</li> <li>88) Give an equation to describe the relationship between x and y.</li> <li>89) Give the x and y intercepts.</li> <li>90) Complete the table.</li> </ul>	x y 0 -2 1 -1 2 2 3 7 4 14 5 98	<ul> <li>91) What is the pattern of change in the y-variables?</li> <li>92) Graph the relationship.</li> <li>93) What type of relationship exists between x and y?</li> <li>94) Give an equation to describe the relationship between x and y.</li> <li>95) Give the x and y intercepts.</li> <li>96) Complete the table.</li> </ul>
x         y           -3         -2           -1         -4           0         -1           1         2           6         10	97) What is the pattern of change in the y-variables? 98) Graph the relationship. 99) What type of relationship exists between x and y? 100) Give an equation to describe the relationship between x and y. 101) Give the x and y intercepts. 102) Complete the table.	x y -2 -2 -1 -1 0 0 1 -1 2 -2 5 11	103) What is the pattern of change in the y-variables? 104) Graph the relationship. 105) What type of relationship exists between x and y? 106) Give an equation to describe the relationship between x and y. 107) Give the x and y intercepts. 108) Complete the table.
x y -3 -2 -4 -1 -1 0 0 1 -1 3 -9 -49	109) What is the pattern of change in the y-variables? 110) Graph the relationship. 111) What type of relationship exists between x and y? 112) Give an equation to describe the relationship between x and y. 113) Give the x and y intercepts. 114) Complete the table.	x y -2 -1 -3 0 -4 1 -3 2 0 3 5 10	115) What is the pattern of change in the y-variables? 116) Graph the relationship. 117) What type of relationship exists between x and y? 118) Give an equation to describe the relationship between x and y. 119) Give the x and y intercepts. 120) Complete the table.