x         y           0         0           1         1           2         2           3         3           10         10	<ol> <li>What is the pattern of change in the y-variables? Arithmetic</li> <li>Graph the relationship.</li> <li>What type of relationship exists between x and y? Linear</li> <li>Give an equation to describe the relationship between x and y. y = x</li> <li>Give the x and y ints. Both: (0,0)</li> <li>Complete the table.</li> </ol>	x     y       0     0       1     2       2     4       3     6       4     8       5     10       10     20	7) What is the pattern of change in the y-variables? Arithmetic 8) Graph the relationship. 9) What type of relationship exists between x and y? Linear 10) Give an equation to describe the relationship between x and y. y = 2x 11) Give the x and y ints. Both: (0,0) 12) Complete the table.
x     y       0     2       1     3       2     4       3     5       4     6       15     17	13) What is the pattern of change in the y-variables? Arithmetic 14) Graph the relationship. 15) What type of relationship exists between x and y? Linear 16) Give an equation to describe the relationship between x and y. y = x 17) Give the x and y ints. Both: (0,0) 18) Complete the table.	x         y           0         1           1         2           2         4           3         8           10         1024	19) What is the pattern of change in the y-variables? Geometric 20) Graph the relationship. 21) What type of relationship exists between x and y? Exponential 22) Give an equation to describe the relationship between x and y. y = 2 <sup>x</sup> 23) Give ints. x-int: none, y-int: (0, 1) 24) Complete the table.
x y 0 1 1 3 2 9 3 27 4 81 15 !!!	25) What is the pattern of change in the y-variables? Geometric 26) Graph the relationship. 27) What type of relationship exists between x and y? Exponential 28) Give an equation to describe the relationship between x and y. y = 3 <sup>x</sup> 29) Give ints. x-int: none, y-int: (0, 1) 30) Complete the table.	x y 0 -1 1 1 2 3 3 5 4 7 5 9 18 35	31) What is the pattern of change in the y-variables? Arithmetic 32) Graph the relationship. 33) What type of relationship exists between x and y? Linear 34) Give an equation to describe the relationship between x and y. y = 2x - 1 35) Give ints. x: (1/2, 0), y: (0, -1) 36) Complete the table.
x y -2 -4 -1 -3 0 -2 1 -1 2 0 6 4 12 10	37) What is the pattern of change in the y-variables? Arithmetic 38) Graph the relationship. 39) What type of relationship exists between x and y? Linear 40) Give an equation to describe the relationship between x and y. y = x - 2 41) Give ints. x: (2, 0), y: (0, -2) 42) Complete the table.	x y -1 0 1 1 2 2 4 3 4 16 8	43) What is the pattern of change in the y-variables? Geometric 44) Graph the relationship. 45) What type of relationship exists between x and y? Exponential 46) Give an equation to describe the relationship between x and y. y = 2 <sup>x</sup> 47) Give ints. x-int: none, y-int: (0, 1) 48) Complete the table.
x y -1 2 0 0 1 -2 2 -4 3 -6 5 -10 8 -16	49) What is the pattern of change in the y-variables? Arithmetic 50) Graph the relationship. 51) What type of relationship exists between x and y? Linear 52) Give an equation to describe the relationship between x and y. y = 2x 53) Give the x and y ints. Both: (0,0) 54) Complete the table.	x y -3 -2 -7 -1 -4 0 -1 1 2 6 10	55) What is the pattern of change in the y-variables? Arithmetic 56) Graph the relationship. 57) What type of relationship exists between x and y? Linear 58) Give an equation to describe the relationship between x and y. y = 3x - 1 59) Give ints. x: (1/3, 0), y: (0, -1) 60) Complete the table.

x         y           -1         .67           0         1           1         1.5           2         2.25           3         3.375           4         5.06           7         17.09	<ul> <li>61) What is the pattern of change in the y-variables? Geometric</li> <li>62) Graph the relationship.</li> <li>63) What type of relationship exists between x and y? Exponential</li> <li>64) Give an equation to describe the relationship between x and y. y = 1.5<sup>x</sup></li> <li>65) Give ints. x-int: none, y-int: (0, 1)</li> <li>66) Complete the table.</li> </ul>	x y -2 2 -1 1 0 0 1 1 2 2 5 5 11 11	67) What is the pattern of change in the y-variables? Kind of Arithmetic 68) Graph the relationship. 69) What type of relationship exists between x and y? Absolute Value 70) Give an equation to describe the relationship between x and y. $y =  x $ 71) Give the x and y ints. Both: (0,0) 72) Complete the table.
x y -1 .4 0 1 1 2.5 2 6.25 3 15.63 4 39.06 13 Big!	73) What is the pattern of change in the y-variables? Geometric 74) Graph the relationship. 75) What type of relationship exists between x and y? Exponential 76) Give an equation to describe the relationship between x and y. y = 2.5 <sup>x</sup> 77) Give ints. x-int: none, y-int: (0, 1) 78) Complete the table.	x y -3 -2 3 -1 2 0 1 1 2 6 14	79) What is the pattern of change in the y-variables? Kind of Arithmetic 80) Graph the relationship. 81) What type of relationship exists between x and y? Absolute Value 82) Give an equation to describe the relationship between x and y. $y =  x  + 1$ 83) Give ints. x-int: none, y-int: (0, 1) 84) Complete the table.
x     y       -2     4       -1     3       0     2       1     3       2     4       6     12       15     15	85) What is the pattern of change in the y-variables? Kind of Arithmetic 86) Graph the relationship. 87) What type of relationship exists between x and y? Absolute Value 88) Give an equation to describe the relationship between x and y. y =  x +2 89) Give ints. x-int: none, y-int: (0, 2) 90) Complete the table.	x y -2 4 -1 2 0 0 1 2 2 4 3 6 10	<ul> <li>91) What is the pattern of change in the y-variables? Kind of Arithmetic</li> <li>92) Graph the relationship.</li> <li>93) What type of relationship exists between x and y? Absolute Value</li> <li>94) Give an equation to describe the relationship between x and y. y = 2 x </li> <li>95) Give intercepts. Both: (0,0)</li> <li>96) Complete the table.</li> </ul>
x y -2 -1 -1 0 1 1 3 2 5 8 17 27	97) What is the pattern of change in the y-variables? Arithmetic 98) Graph the relationship. 99) What type of relationship exists between x and y? Linear 100) Give an equation to describe the relationship between x and y. y = 2x + 1 101) Give ints. x: (-1/2, 0), y: (0, 1)	x     y       0     2       1     3       2     5       3     9       4     17       7     129	103) What is the pattern of change in the y-variables? Geometric 104) Graph the relationship. 105) What type of relationship exists between x and y? Exponential 106) Give an equation to describe the relationship between x and y. $y = 2^x + 1$ 107) Give ints. x-int: none, y-int: (0, 2)
x         y           0         2           1         4           2         10           3         28           4         82           6         730	109) What is the pattern of change in the y-variables? Geometric 110) Graph the relationship. 111) What type of relationship exists between x and y? Exponential 112) Give an equation to describe the relationship between x and y. $y = 3^x + 1$ 113) Give ints. x-int: none, y-int: (0, 2) 114) Complete the table.	x y 0 0 0 1 1 1 2 4 3 9 4 16 6 36 11	115) What is the pattern of change in the y-variables? Squaring 116) Graph the relationship. 117) What type of relationship exists between x and y? Quadratic 118) Give an equation to describe the relationship between x and y. y = x <sup>2</sup> 119) Give ints. Both: (0,0) 120) Complete the table.

x         y           0         1           1         2           2         5           3         10           4         17           8         13           13         170	121) What is the pattern of change in the y-variables? Squaring 122) Graph the relationship. 123) What type of relationship exists between x and y? Quadratic 124) Give an equation to describe the relationship between x and y. $y = x^2 + 1$ 125) Give ints. x-int: none, y-int: (0, 1) 126) Complete the table.	x y 0 3 1 4 2 6 3 10 4 18 14	127) What is the pattern of change in the y-variables? Geometric 128) Graph the relationship. 129) What type of relationship exists between x and y? Exponential 130) Give an equation to describe the relationship between x and y. $y = 2^x + 2$ 131) Give ints. x-int: none, y-int: (0, 3) 132) Complete the table.
x         y           -2         4           -1         1           0         0           1         1           2         4           3         9           5         5	133) What is the pattern of change in the y-variables? Squaring 134) Graph the relationship. 135) What type of relationship exists between x and y? Quadratic 136) Give an equation to describe the relationship between x and y. y = x <sup>2</sup> 137) Give ints. Both: (0,0) 138) Complete the table.	x     y       0     -2       1     -1       2     2       3     7       4     14       5     10       98	139) What is the pattern of change in the y-variables? Squaring 140) Graph the relationship. 141) What type of relationship exists between x and y? Quadratic 142) Give an equation to describe the relationship between x and y. $y = x^2 - 2$ 143) Ints. x: (1.4, 0), (-1.4, 0), y: (0, 3) 144) Complete the table.
x y 0 2 1 4 2 8 3 16 4 32 9	145) What is the pattern of change in the y-variables? Geometric 146) Graph the relationship. 147) What type of relationship exists between x and y? Exponential 148) Give an equation to describe the relationship between x and y. y = (2)2 <sup>x</sup> 149) Give ints. x-int: none, y-int: (0, 2) 150) Complete the table.	x y -3 -2 -7 -1 -4 0 -1 1 2 6 19 10	151) What is the pattern of change in the y-variables? Arithmetic 152) Graph the relationship. 153) What type of relationship exists between x and y? Linear 154) Give an equation to describe the relationship between x and y. y = 3x - 1 155) Give ints. x: (1/3, 0), y: (0, -1) 156) Complete the table.
x         y           -1         0           0         2           1         6           2         18           3         54           4         162           12         12	157) What is the pattern of change in the y-variables? Geometric 158) Graph the relationship. 159) What type of relationship exists between x and y? Exponential 160) Give an equation to describe the relationship between x and y. y = (2)3 <sup>x</sup> 161) Give ints. x-int: none, y-int: (0, 2) 162) Complete the table.	x y -2 -2 -1 -1 0 0 1 -1 2 -2 5 -5 11	163) What is the pattern of change in the y-variables? Kind of Arithmetic 164) Graph the relationship. 165) What type of relationship exists between x and y? Absolute Value 166) Give an equation to describe the relationship between x and y. y = - x  167) Give ints. Both: (0,0) 168) Complete the table.
x y -3 -2 -4 -1 -1 0 0 1 -1 3 -9 -49	169) What is the pattern of change in the y-variables? Squaring 170) Graph the relationship. 171) What type of relationship exists between x and y? Quadratic 172) Give an equation to describe the relationship between x and y. y = -x <sup>2</sup> 173) Give ints. Both: (0,0) 174) Complete the table.	x y -2 -1 -3 0 -4 1 -3 2 0 3 5	175) What is the pattern of change in the y-variables? Squaring 176) Graph the relationship. 177) What type of relationship exists between x and y? Quadratic 178) Give an equation to describe the relationship between x and y. $y = x^2 - 4$ 179) Ints. x: (2, 0), (-2, 0), y: (0, -4) 180) Complete the table.