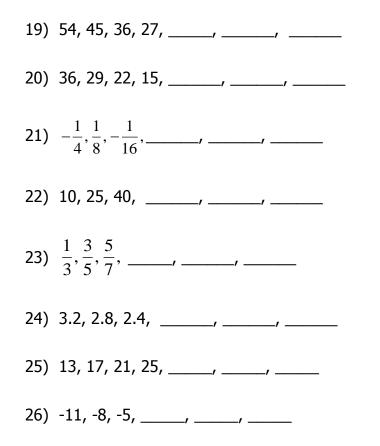
Name:	Period: Date:	
Homework E-1 Translating Expressions / Inductive Reasoning Unit E		
Write each phrase as an algebraic expression.		
1. <i>b</i> plus 1	5. five years younger than Jessica	
2. three more than x	6. a number less eleven	
3. twelve minus y	7. four increased by <i>a</i>	
4. seven less than n	8. eight dollars more than <i>m</i>	
Write each sentence as an algebraic equation.		
9. A number plus three is 9.	13. A number decreased by 5 is 12	•
10. The sum of x and 2 is 10.	14. Five dollars less than Yumi's pa	ny is \$124 .
11. \$4 more than the price is \$93 .	15. A number times four is 20 .	

Find the pattern in each sequence, name the next 3 numbers, and state the rule for finding the next numbers in the sequence.

16)	48, 45, 42, 39,,,,
Ru	le:
17)	2, 4, 8, 16,,,,
Ru	le:
18)	1,600; 800; 400; 200;;;;;
Ru	le:

^{12.} Fifteen minus y is 7.

Find the pattern and name the next three numbers.



Draw the next figure in the pattern.



