Name_____ Date_____

Patterns and Relations
Unit 1 Line Master 3a

Comparing Linear Patterns

1. a) Each expression represents a linear pattern.
For each pattern, complete the table of values.

A: $2x + 2$

x	$2x + 2$
0	
1	
2	
3	

B: $3x + 2$

x	$3x + 2$
0	
1	
2	
3	

C: $4x + 2$

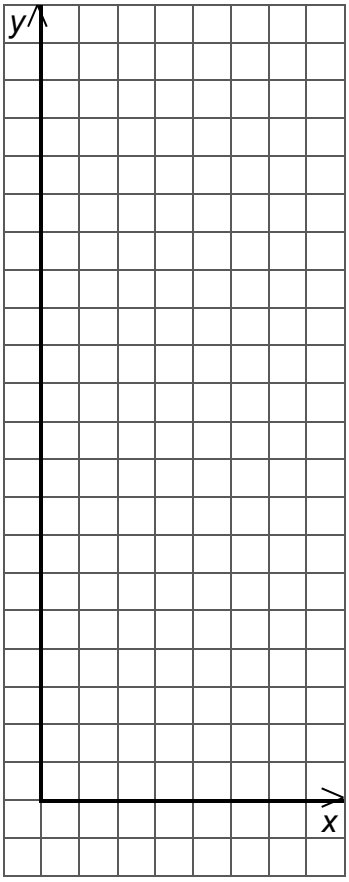
x	$4x + 2$
0	
1	
2	
3	

Name_____ Date_____

Patterns and Relations
Unit 1 Line Master 3b

Comparing Linear Patterns (cont'd)

b) Graph each pattern on the grid provided. Join each set of points with a line.



c) How do the expressions compare?
How do the lines on the graph compare?

Name_____ Date_____

Patterns and Relations
Unit 1 Line Master 3c

Comparing Linear Patterns (cont'd)

2. a) Each expression represents a linear pattern.
For each pattern, complete the table of values.

A: $3x + 1$

x	$3x + 1$
0	
1	
2	
3	

B: $3x + 3$

x	$3x + 3$
0	
1	
2	
3	

C: $3x + 5$

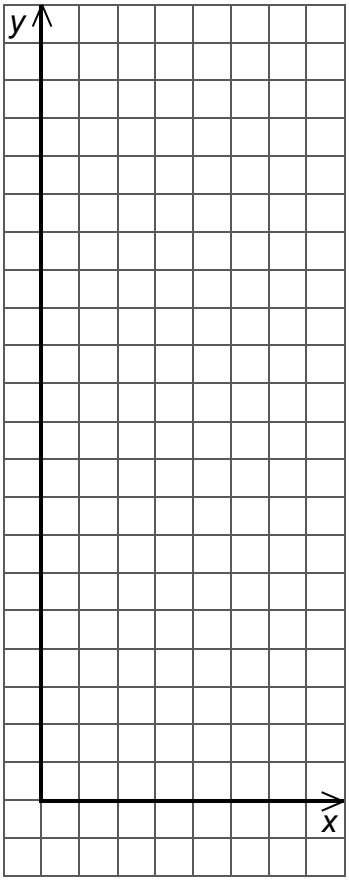
x	$3x + 5$
0	
1	
2	
3	

Name_____ Date_____

Patterns and Relations
Unit 1 Line Master 3d

Comparing Linear Patterns (cont'd)

b) Graph each pattern on the grid provided. Join each set of points with a line.



c) How do the expressions compare?
How do the lines on the graph compare?