Name: _____ Date: _____

Numerical Patterns and Ordered Pairs

Grade 5 | Generating two patterns, comparing their terms and forming ordered pairs | Version 1 of 10

Use each rule to fill in the table. Then compare the two patterns and write the ordered pair for the last pair of terms (Rule A term, Rule B term).

1. Rule A: Start at 0. Add 5. Rule B: Start at 0. Add 10.

Rule A	0	5			20	
Rule B	0	10			40	

Each Rule B term is _____ times the Rule A term. Last ordered pair: (_____ , _____)

2. Rule A: Start at 0. Add 10. Rule B: Start at 0. Add 20.

Rule A	0	10			40	
Rule B	0	20			80	

Each Rule B term is _____ times the Rule A term. Last ordered pair: (_____ , _____)

3. Rule A: Start at 0. Add 8. Rule B: Start at 0. Add 24.

Rule A	0			24	32	
Rule B	0			72	96	

Each Rule B term is _____ times the Rule A term. Last ordered pair: (_____ , _____)

4. Rule A: Start at 0. Add 4. Rule B: Start at 0. Add 12.

Rule A	0		8	12		
Rule B	0		24	36		

Each Rule B term is _____ times the Rule A term. Last ordered pair: (_____ , _____)

5. Rule A: Start at 0. Add 15. Rule B: Start at 0. Add 45.

Rule A	0	15				75
Rule B	0	45				225

Each Rule B term is _____ times the Rule A term. Last ordered pair: (_____ , _____)