Name: _____ Date: _____

Numerical Patterns and Ordered Pairs

Grade 5 | Generating two patterns, comparing their terms and forming ordered pairs | Version 4 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 6. Rule B: Start at 0. Add 18.

Rule A	0	6		18		
Rule B	0	18		54		

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

2. Rule A: Start at 0. Add 12. Rule B: Start at 0. Add 36.

Rule A	0	12				60
Rule B	0	36				180

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

3. Rule A: Start at 0. Add 9. Rule B: Start at 0. Add 36.

Rule A	0	9	18			
Rule B	0	36	72			

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

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

Rule A	0			30		50
Rule B	0			60		100

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

5. Rule A: Start at 0. Add 12. Rule B: Start at 0. Add 24.

Rule A	0				48	60
Rule B	0				96	120

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