Name: _____ Date: _____

Numerical Patterns and Ordered Pairs

Grade 5 | Generating two patterns, comparing their terms and forming ordered pairs | Version 2 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 30.

Rule A	0		12	18		
Rule B	0		60	90		

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

2. Rule A: Start at 0. Add 14. Rule B: Start at 0. Add 42.

Rule A	0	14		42		
Rule B	0	42		126		

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

3. Rule A: Start at 0. Add 7. Rule B: Start at 0. Add 28.

Rule A	0			21	28	
Rule B	0			84	112	

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

4. Rule A: Start at 0. Add 12. Rule B: Start at 0. Add 48.

Rule A	0	12	24			
Rule B	0	48	96			

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 60.

Rule A	0				60	75
Rule B	0				240	300

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