Name: _____ Date: _____

Numerical Patterns and Ordered Pairs

Grade 5 | Generating two patterns, comparing their terms and forming ordered pairs | Version 8 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 9. Rule B: Start at 0. Add 36.

Rule A	0				36	45
Rule B	0				144	180

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

2. Rule A: Start at 0. Add 15. Rule B: Start at 0. Add 75.

Rule A	0			45		75
Rule B	0			225		375

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

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

Rule A	0				48	60
Rule B	0				144	180

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

4. Rule A: Start at 0. Add 7. Rule B: Start at 0. Add 14.

Rule A	0		14	21		
Rule B	0		28	42		

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

5. Rule A: Start at 0. Add 9. Rule B: Start at 0. Add 45.

Rule A	0	9	18			
Rule B	0	45	90			

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