Name: _____ Date: _____

Numerical Patterns and Ordered Pairs

Grade 5 | Generating two patterns, comparing their terms and forming ordered pairs | Version 7 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 4. Rule B: Start at 0. Add 20.

Rule A	0			12	16	
Rule B	0			60	80	

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

2. Rule A: Start at 0. Add 3. Rule B: Start at 0. Add 6.

Rule A	0				12	15
Rule B	0				24	30

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

3. Rule A: Start at 0. Add 13. Rule B: Start at 0. Add 65.

Rule A	0	13		39		
Rule B	0	65		195		

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 40.

Rule A	0		20	30		
Rule B	0		80	120		

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		45		
Rule B	0	45		135		

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