Name: _____ Date: _____

Numerical Patterns and Ordered Pairs

Grade 5 | Generating two patterns, comparing their terms and forming ordered pairs | Version 10 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 10. Rule B: Start at 0. Add 40.

Rule A	0	10		30		
Rule B	0	40		120		

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

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

Rule A	0			6		10
Rule B	0			30		50

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

3. Rule A: Start at 0. Add 14. Rule B: Start at 0. Add 56.

Rule A	0	14			56	
Rule B	0	56			224	

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 28.

Rule A	0		14			35
Rule B	0		56			140

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

5. Rule A: Start at 0. Add 14. Rule B: Start at 0. Add 28.

Rule A	0				56	70
Rule B	0				112	140

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