Name: _____ Date: _____

Numerical Patterns and Ordered Pairs

Grade 5 | Generating two patterns, comparing their terms and forming ordered pairs | Version 1 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 5. Rule B: Start at 0. Add 10.

Rule A	0	5			20	
Rule B	0	10			40	

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

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

Rule A	0	10			40	
Rule B	0	20			80	

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

3. Rule A: Start at 0. Add 8. Rule B: Start at 0. Add 24.

Rule A	0			24	32	
Rule B	0			72	96	

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

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

Rule A	0		8	12		
Rule B	0		24	36		

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				75
Rule B	0	45				225

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

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: (_____ , _____)

Name: _____ Date: _____

Numerical Patterns and Ordered Pairs

Grade 5 | Generating two patterns, comparing their terms and forming ordered pairs | Version 3 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 13. Rule B: Start at 0. Add 39.

Rule A	0	13	26			
Rule B	0	39	78			

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

2. Rule A: Start at 0. Add 9. Rule B: Start at 0. Add 27.

Rule A	0		18			45
Rule B	0		54			135

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

3. Rule A: Start at 0. Add 15. Rule B: Start at 0. Add 30.

Rule A	0		30			75
Rule B	0		60			150

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

4. Rule A: Start at 0. Add 15. Rule B: Start at 0. Add 45.

Rule A	0			45	60	
Rule B	0			135	180	

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

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

Rule A	0		8		16	
Rule B	0		24		48	

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

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: (_____ , _____)

Name: _____ Date: _____

Numerical Patterns and Ordered Pairs

Grade 5 | Generating two patterns, comparing their terms and forming ordered pairs | Version 5 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 11. Rule B: Start at 0. Add 44.

Rule A	0	11				55
Rule B	0	44				220

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

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

Rule A	0		26	39		
Rule B	0		130	195		

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

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

Rule A	0	3			12	
Rule B	0	12			48	

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

4. Rule A: Start at 0. Add 2. Rule B: Start at 0. Add 8.

Rule A	0				8	10
Rule B	0				32	40

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

5. Rule A: Start at 0. Add 2. Rule B: Start at 0. Add 4.

Rule A	0				8	10
Rule B	0				16	20

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

Name: _____ Date: _____

Numerical Patterns and Ordered Pairs

Grade 5 | Generating two patterns, comparing their terms and forming ordered pairs | Version 6 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 12. Rule B: Start at 0. Add 24.

Rule A	0	12			48	
Rule B	0	24			96	

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 70.

Rule A	0				56	70
Rule B	0				280	350

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 48.

Rule A	0			36	48	
Rule B	0			144	192	

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

4. Rule A: Start at 0. Add 15. Rule B: Start at 0. Add 60.

Rule A	0	15				75
Rule B	0	60				300

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			36	48	
Rule B	0			72	96	

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

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: (_____ , _____)

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: (_____ , _____)

Name: _____ Date: _____

Numerical Patterns and Ordered Pairs

Grade 5 | Generating two patterns, comparing their terms and forming ordered pairs | Version 9 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 8. Rule B: Start at 0. Add 24.

Rule A	0	8			32	
Rule B	0	24			96	

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

2. Rule A: Start at 0. Add 13. Rule B: Start at 0. Add 26.

Rule A	0			39		65
Rule B	0			78		130

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

3. Rule A: Start at 0. Add 4. Rule B: Start at 0. Add 16.

Rule A	0		8			20
Rule B	0		32			80

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

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

Rule A	0	3	6			
Rule B	0	12	24			

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

5. Rule A: Start at 0. Add 3. Rule B: Start at 0. Add 15.

Rule A	0			9		15
Rule B	0			45		75

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

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: (_____ , _____)