Name: _____

Numerical Patterns and Ordered Pairs A

Complete each pattern. Then compare the two patterns and write ordered pairs.

1. Pattern A: Start at 0. Add 4. Pattern B: Start at 0. Add 12.

Pattern A	0	4				
Pattern B	0	12				

Each term in Pattern B is _____ times the matching term in Pattern A.

Write the ordered pairs (A, B): _____

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

Pattern A	0	3				
Pattern B	0	6				

Each term in Pattern B is _____ times the matching term in Pattern A.

Write the ordered pairs (A, B): _____

3. Pattern A: Start at 0. Add 2. Pattern B: Start at 0. Add 4.

Pattern A	0	2				
Pattern B	0	4				

Each term in Pattern B is _____ times the matching term in Pattern A.

Write the ordered pairs (A, B): _____

4. Pattern A: Start at 0. Add 4. Pattern B: Start at 0. Add 8.

Pattern A	0	4				
Pattern B	0	8				

Each term in Pattern B is _____ times the matching term in Pattern A.

Write the ordered pairs (A, B): _____

Name: **ANSWER KEY**

Numerical Patterns and Ordered Pairs A

Complete each pattern. Then compare the two patterns and write ordered pairs.

1. Pattern A: Start at 0. Add 4. Pattern B: Start at 0. Add 12.

Pattern A	0	4	8	12	16	20
Pattern B	0	12	24	36	48	60

Each term in Pattern B is **3** times the matching term in Pattern A.

Write the ordered pairs (A, B): (0, 0), (4, 12), (8, 24), (12, 36), (16, 48), (20, 60)

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

Pattern A	0	3	6	9	12	15
Pattern B	0	6	12	18	24	30

Each term in Pattern B is **2** times the matching term in Pattern A.

Write the ordered pairs (A, B): (0, 0), (3, 6), (6, 12), (9, 18), (12, 24), (15, 30)

3. Pattern A: Start at 0. Add 2. Pattern B: Start at 0. Add 4.

Pattern A	0	2	4	6	8	10
Pattern B	0	4	8	12	16	20

Each term in Pattern B is **2** times the matching term in Pattern A.

Write the ordered pairs (A, B): (0, 0), (2, 4), (4, 8), (6, 12), (8, 16), (10, 20)

4. Pattern A: Start at 0. Add 4. Pattern B: Start at 0. Add 8.

Pattern A	0	4	8	12	16	20
Pattern B	0	8	16	24	32	40

Each term in Pattern B is **2** times the matching term in Pattern A.

Write the ordered pairs (A, B): (0, 0), (4, 8), (8, 16), (12, 24), (16, 32), (20, 40)