Name : _____ Score : _____

Writing Rules

MS1

Look at the numbers. Write the rule describing each pattern.

1) –32, –24, –16, –8, 0, 8, 16, 24 **Start at –32. Add 8 each time.**

2) –76, –64, –52, –40, –28, –16 _____

3) 44, 35, 26, 17, 8, _____

4) 7, 22, 37, 52, 67, _____

5) –28, –22, –16, – _____

6) –55, –52, –49, – _____

7) 67, 53, 39, 25, 1 _____

8) 21, 32, 43, 54, 65, 76, 87, 98 _____

9) –65, –52, –39, –26, –13, 0, 13, 26 _____

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Name : _____ Score : _____

Answer Key

MS1

Writing Rules

Look at the numbers. Write the rule describing each pattern.

1) –32, –24, –16, –8, 0, 8, 16, 24 **Start at –32. Add 8 each time.**

2) –76, –64, –52, –40, –28, –16 **Start at –76. Add 12 each time.**

3) 44, 35, 26, 17, 8, **9 each time.**

4) 7, 22, 37, 52, 67, **each time.**

5) –28, –22, –16, – **each time.**

6) –55, –52, –49, – **each time.**

7) 67, 53, 39, 25, 1 **14 each time.**

8) 21, 32, 43, 54, 65, 76, 87, 98 **Start at 21. Add 11 each time.**

9) –65, –52, –39, –26, –13, 0, 13, 26 **Start at –65. Add 13 each time.**

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Name : _____ Score : _____

Writing Rules

MS2

Look at the numbers. Write the rule describing each pattern.

1) 23, 16, 9, 2, –5, –12, –19, –26 **Start at 23. Subtract 7 each time.**

2) –45, –31, –17, –3, 11, 25, 39 _____

3) 67, 52, 37, 22, 7, _____

4) 4, 21, 38, 55, 72, _____

5) –37, –29, –21, – _____

6) 75, 64, 53, 42, 3 _____

7) –62, –59, –56, – _____

8) 7, 23, 39, 55, 71, 87, 103, 119 _____

9) –24, –19, –14, –9, –4, 1, 6, 11 _____

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Name : _____ Score : _____

Answer Key

Writing Rules

MS2

Look at the numbers. Write the rule describing each pattern.

1) 23, 16, 9, 2, –5, –12, –19, –26 — **Start at 23. Subtract 7 each time.**

2) –45, –31, –17, –3, 11, 25, 39 — **Start at –45. Add 14 each time.**

3) 67, 52, 37, 22, 7, **15 each time.**

4) 4, 21, 38, 55, 72, **each time.**

5) –37, –29, –21, – **each time.**

6) 75, 64, 53, 42, 3 **11 each time.**

7) –62, –59, –56, – **each time.**

8) 7, 23, 39, 55, 71, 87, 103, 119 — **Start at 7. Add 16 each time.**

9) –24, –19, –14, –9, –4, 1, 6, 11 — **Start at –24. Add 5 each time.**

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Name : _____ Score : _____

Writing Rules

MS3

Look at the numbers. Write the rule describing each pattern.

1) –63, –51, –39, –27, –15, –3, 9, 21 **Start at –63. Add 12 each time.**

2) –15, –9, –3, 3, 9, 15, 21, 27 _____

3) 44, 29, 14, –1, – _____

4) 12, 25, 38, 51, 6 _____

5) –55, –41, –27, – _____

6) 67, 58, 49, 40, 3 _____

7) –72, –68, –64, – _____

8) 18, 32, 46, 60, 74, 88, 102, 116 _____

9) –36, –28, –20, –12, –4, 4, 12, 20 _____

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Name : _____ Score : _____

Answer Key

MS3

Writing Rules

Look at the numbers. Write the rule describing each pattern.

1) –63, –51, –39, –27, –15, –3, 9, 21 **Start at –63. Add 12 each time.**

2) –15, –9, –3, 3, 9, 15, 21, 27 **Start at –15. Add 6 each time.**

3) 44, 29, 14, –1, –[illegible] **15 each time.**

4) 12, 25, 38, 51, 6[illegible] **each time.**

5) –55, –41, –27, –[illegible] **4 each time.**

6) 67, 58, 49, 40, 3[illegible] **9 each time.**

7) –72, –68, –64, –[illegible] **each time.**

8) 18, 32, 46, 60, 74, 88, 102, 116 **Start at 18. Add 14 each time.**

9) –36, –28, –20, –12, –4, 4, 12, 20 **Start at –36. Add 8 each time.**

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