Name: _____ Date: _____

Number Patterns

Grades 1–2 • 40 questions • Part A: fill in the empty boxes. Each pattern counts up

1. 2, 4, ☐, 8, 10, ☐

2. 5, 10, 15, ☐, ☐, 30

3. 10, 20, ☐, 40, 50, ☐

4. 4, ☐, 8, 10, ☐, 14

5. 15, 20, ☐, 30, 35, ☐

6. 100, 200, 300, ☐, 500, ☐

7. 3, 6, ☐, 12, ☐, 18

8. 3, ☐, 23, 33, 43, ☐

Part B • These patterns count back. Fill in the empty boxes

9. 20, 18, ☐, 14, ☐, 10

10. 50, 45, ☐, 35, 30, ☐

11. 100, ☐, 80, 70, ☐, 50

12. 30, 27, 24, ☐, 18, ☐

13. 27, 26, ☐, 24, ☐, 22

14. 95, ☐, 85, 80, 75, ☐

15. 60, 50, ☐, 30, 20, ☐

16. 24, 20, 16, ☐, ☐, 4

Part C • What is the rule? Write +2, +5, −10 and so on

17. 3, 5, 7, 9 _____

18. 10, 15, 20, 25 _____

19. 90, 80, 70, 60 _____

20. 4, 8, 12, 16 _____

21. 25, 20, 15, 10 _____

22. 7, 17, 27, 37 _____

Name: _____ Date: _____

Number Patterns

Part D • Continue the pattern • Part E: find the mistake • Part F: problems

Part D • Write the next 2 numbers

23. 2, 4, 6, 8, ___, ___

24. 5, 10, 15, 20, ___, ___

25. 40, 50, 60, 70, ___, ___

26. 11, 13, 15, 17, ___, ___

27. 30, 27, 24, 21, ___, ___

28. 200, 300, 400, 500, ___, ___

29. 34, 44, 54, 64, ___, ___

30. 18, 16, 14, 12, ___, ___

Part E • One number is wrong. Which one?

31. Rule +5: 5, 10, 16, 20, 25 _____

32. Rule +2: 2, 4, 6, 9, 10 _____

33. Rule +10: 10, 21, 30, 40, 50 _____

34. Rule −5: 40, 35, 29, 25, 20 _____

35. Rule +3: 3, 6, 9, 13, 15 _____

36. Rule +10: 21, 31, 40, 51, 61 _____

Part F • Problems

37. Ben saves 5 cents every day: 5, 10, 15... How much has he saved after 6 days?
Answer: _____

38. House numbers on one side of a street go 2, 4, 6, 8. What is the next house number?
Answer: _____

39. A plant grows 3 cm every week. It starts at 3 cm. How tall is it after 4 weeks?
Answer: _____

40. Mia counts back by 10s from 100: 100, 90, 80... What is the 5th number she says?
Answer: _____

Answer Key — Number Patterns

1. 6, 12
2. 20, 25
3. 30, 60
4. 6, 12
5. 25, 40
6. 400, 600
7. 9, 15
8. 13, 53
9. 16, 12
10. 40, 25
11. 90, 60
12. 21, 15
13. 25, 23
14. 90, 70
15. 40, 10
16. 12, 8
17. +2
18. +5
19. −10
20. +4
21. −5
22. +10
23. 10, 12
24. 25, 30
25. 80, 90
26. 19, 21
27. 18, 15
28. 600, 700
29. 74, 84
30. 10, 8
31. 16
32. 9
33. 21
34. 29
35. 13
36. 40
37. 30 cents
38. 10
39. 12 cm
40. 60