

ADDITION - LEVEL 2 ANSWERS

PAGE 2

- | | | | |
|-----|----|-----|----|
| 1. | 12 | 2. | 9 |
| 3. | 12 | 4. | 4 |
| 5. | 8 | 6. | 14 |
| 7. | 9 | 8. | 13 |
| 9. | 7 | 10. | 5 |
| 11. | 11 | 12. | 13 |
| 13. | 10 | 14. | 11 |
| 15. | 9 | 16. | 5 |
| 17. | 12 | 18. | 11 |
| 19. | 7 | 20. | 9 |
| 21. | 4 | 22. | 6 |
| 23. | 10 | 24. | 10 |
| 25. | 9 | 26. | 6 |
| 27. | 12 | 28. | 10 |
| 29. | 7 | 30. | 8 |

PAGE 3

- | | | | |
|-----|----|-----|----|
| 1. | 8 | 2. | 19 |
| 3. | 14 | 4. | 11 |
| 5. | 11 | 6. | 18 |
| 7. | 13 | 8. | 14 |
| 9. | 11 | 10. | 15 |
| 11. | 18 | 12. | 12 |
| 13. | 10 | 14. | 14 |
| 15. | 13 | 16. | 9 |
| 17. | 9 | 18. | 14 |

PAGE 3 - CONTINUED

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|----|----|----|----|
| 1. | 42 | 2. | 62 |
| 3. | 49 | 4. | 38 |
| 5. | 80 | 6. | 53 |

PAGE 4

- | | | | | | |
|-----|-----|-----|-----|-----|-----|
| 1. | 89 | 2. | 78 | 3. | 86 |
| 4. | 78 | 5. | 78 | 6. | 89 |
| 7. | 92 | 8. | 86 | 9. | 70 |
| 10. | 88 | 11. | 61 | 12. | 55 |
| 13. | 157 | 14. | 106 | 15. | 177 |
| 16. | 125 | 17. | 135 | 18. | 138 |

PAGE 6

- | | | | | | |
|-----|-----|-----|-----|-----|-----|
| 1. | 587 | 2. | 677 | 3. | 692 |
| 4. | 999 | 5. | 597 | 6. | 888 |
| 7. | 578 | 8. | 786 | 9. | 489 |
| 10. | 388 | 11. | 727 | 12. | 859 |

PAGE 7

- | | | | | | |
|-----|-----|-----|-----|-----|-----|
| 1. | 896 | 2. | 958 | 3. | 874 |
| 4. | 779 | 5. | 979 | 6. | 849 |
| 7. | 489 | 8. | 579 | 9. | 659 |
| 10. | 686 | 11. | 488 | 12. | 718 |

PAGE 8

- | | | | |
|----|-----|----|-----|
| 1. | 928 | 2. | 668 |
| 3. | 898 | 4. | 697 |
| 5. | 502 | 6. | 948 |
| 7. | 879 | 8. | 888 |

ADDITION - LEVEL 2 ANSWERS CONTINUED

PAGE 12

- | | | |
|---------|---------|---------|
| 1. 993 | 2. 461 | 3. 995 |
| 4. 476 | 5. 861 | 6. 972 |
| 7. 475 | 8. 758 | 9. 782 |
| 10. 430 | 11. 662 | 12. 692 |

PAGE 13

- | | | |
|---------|---------|---------|
| 1. 715 | 2. 790 | 3. 385 |
| 4. 810 | 5. 786 | 6. 442 |
| 7. 288 | 8. 851 | 9. 583 |
| 10. 783 | 11. 587 | 12. 743 |
| 13. 782 | 14. 470 | 15. 780 |

PAGE 14

- | | | |
|---------|---------|---------|
| 1. 890 | 2. 789 | 3. 750 |
| 4. 492 | 5. 670 | 6. 973 |
| 7. 854 | 8. 761 | 9. 685 |
| 10. 770 | 11. 782 | 12. 890 |
| 13. 579 | 14. 567 | 15. 880 |

PAGE 16

- | | | |
|---------|---------|---------|
| 1. 436 | 2. 916 | 3. 839 |
| 4. 556 | 5. 844 | 6. 726 |
| 7. 505 | 8. 625 | 9. 959 |
| 10. 988 | 11. 837 | 12. 305 |
| 13. 603 | 14. 556 | 15. 508 |

PAGE 17

- | | | |
|---------|---------|---------|
| 1. 844 | 2. 668 | 3. 409 |
| 4. 306 | 5. 877 | 6. 838 |
| 7. 609 | 8. 525 | 9. 515 |
| 10. 469 | 11. 736 | 12. 219 |
| 13. 915 | 14. 435 | 15. 809 |

PAGE 18

- | | | |
|---------|---------|---------|
| 1. 831 | 2. 734 | 3. 276 |
| 4. 919 | 5. 775 | 6. 850 |
| 7. 792 | 8. 572 | 9. 927 |
| 10. 545 | 11. 716 | 12. 790 |
| 13. 509 | 14. 890 | 15. 698 |

PAGE 21

- | | | |
|---------|---------|---------|
| 1. 642 | 2. 886 | 3. 911 |
| 4. 890 | 5. 603 | 6. 731 |
| 7. 414 | 8. 542 | 9. 963 |
| 10. 600 | 11. 632 | 12. 300 |

PAGE 22

- | | | |
|---------|---------|---------|
| 1. 566 | 2. 998 | 3. 610 |
| 4. 670 | 5. 953 | 6. 545 |
| 7. 635 | 8. 361 | 9. 751 |
| 10. 310 | 11. 800 | 12. 751 |
| 13. 508 | 14. 823 | 15. 505 |

ADDITION - LEVEL 2 ANSWERS CONTINUED

PAGE 23

1.	398	2.	830	3.	401
4.	960	5.	552	6.	603
7.	620	8.	614	9.	541
10.	521	11.	851	12.	723
13.	810	14.	900	15.	703

PAGE 24

1.	574	2.	499	3.	981
4.	707	5.	857	6.	899
7.	993	8.	560	9.	646
10.	958	11.	999	12.	572
13.	879	14.	824	15.	739
16.	496	17.	889	18.	800

PAGE 28

1.	1,048	2.	1,266	3.	1,069
4.	1,468	5.	1,090	6.	1,569
7.	1,059	8.	1,366	9.	1,286
10.	1,499	11.	1,075	12.	1,579
13.	1,035	14.	1,288	15.	1,026
16.	1,768	17.	1,389	18.	1,686
19.	1,098	20.	1,303	21.	1,199

PAGE 29

1.	1,028	2.	1,165	3.	1,018
4.	1,373	5.	1,045	6.	1,150
7.	1,539	8.	1,653	9.	1,554
10.	1,080	11.	1,866	12.	1,361
13.	1,485	14.	1,089	15.	1,240

PAGE 30

1.	1,612	2.	1,127	3.	1,559
4.	1,267	5.	1,215	6.	1,408
7.	1,558	8.	1,079	9.	1,355
10.	1,069	11.	1,109	12.	1,083
13.	1,099	14.	1,003	15.	1,526

PAGE 33

1.	79	2.	87
3.	77	4.	88
5.	68	6.	96
7.	89	8.	78

PAGE 33

1.	75	2.	59
3.	77	4.	63
5.	49	6.	87
7.	88	8.	69
9.	79	10.	37
11.	70	12.	66

PAGE 36

1.	81	2.	79	3.	87
4.	81	5.	76	6.	76
7.	79	8.	96	9.	89
10.	52	11.	80	12.	87

ADDITION - LEVEL 2 ANSWERS CONTINUED

PAGE 37

- | | | | |
|-----|----|-----|----|
| 1. | 72 | 2. | 66 |
| 3. | 85 | 4. | 64 |
| 5. | 54 | 6. | 72 |
| 7. | 96 | 8. | 87 |
| 9. | 90 | 10. | 80 |
| 11. | 79 | 12. | 93 |
| 13. | 90 | 14. | 90 |

PAGE 39

- | | | | | | |
|-----|-----|-----|-----|-----|-----|
| 1. | 193 | 2. | 120 | 3. | 149 |
| 4. | 131 | 5. | 130 | 6. | 97 |
| 7. | 256 | 8. | 222 | 9. | 158 |
| 10. | 297 | 11. | 104 | 12. | 220 |
| 13. | 110 | 14. | 203 | 15. | 200 |

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- | | | | | | |
|-----|-----|-----|-----|-----|-----|
| 1. | 120 | 2. | 150 | 3. | 124 |
| 5. | 135 | 6. | 145 | 7. | 249 |
| 9. | 193 | 10. | 103 | 11. | 132 |
| 13. | 194 | 14. | 264 | 15. | 200 |
| 17. | 132 | 18. | 79 | 19. | 220 |
| 21. | 121 | 22. | 152 | 23. | 220 |

PAGE 41

- | | | | |
|-----|-----|-----|-----|
| 1. | 56 | 2. | 107 |
| 3. | 162 | 4. | 115 |
| 5. | 192 | 6. | 185 |
| 7. | 146 | 8. | 90 |
| 9. | 264 | 10. | 172 |
| 11. | 161 | 12. | 90 |
| 13. | 200 | | |

PAGE 43

- | | | | | | |
|-----|-------|-----|-------|-----|-------|
| 1. | 579 | 2. | 705 | 3. | 1,888 |
| 4. | 1,033 | 5. | 980 | 6. | 768 |
| 7. | 1,000 | 8. | 1,269 | 9. | 761 |
| 10. | 1,444 | 11. | 1,486 | 12. | 1,158 |
| 13. | 999 | 14. | 1,367 | 15. | 1,905 |
| 16. | 1,776 | 17. | 1,000 | 18. | 1,998 |

PAGE 44

- | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 1. | 175 | 2. | 86 | 3. | 97 | 4. | 81 |
| 5. | 132 | 6. | 200 | 7. | 135 | 8. | 201 |
| 9. | 151 | 10. | 155 | 11. | 199 | 12. | 149 |
| 13. | 77 | 14. | 165 | 15. | 100 | 16. | 133 |
| 17. | 124 | 18. | 194 | 19. | 160 | 20. | 223 |

ADDITION - LEVEL 2 ANSWERS CONTINUED

PRACTICE TEST PAGE 45

- | | | | | |
|---------|----------|----------|---------|--|
| 1. 471 | 2. 1,367 | 3. 802 | | |
| 4. 999 | 5. 1,005 | 6. 639 | | |
| 7. 600 | 8. 496 | 9. 1,442 | | |
| 10. 134 | 11. 214 | 12. 169 | 13. 200 | |
| 14. 173 | 15. 200 | | | |

FINAL TEST PAGE 46

- | | | | | |
|----------|----------|----------|---------|--|
| 1. 1,040 | 2. 707 | 3. 697 | | |
| 4. 1,263 | 5. 319 | 6. 1,490 | | |
| 7. 625 | 8. 1,031 | 9. 1,141 | | |
| 10. 124 | 11. 130 | 12. 170 | 13. 130 | |
| 14. 137 | 15. 94 | | | |
| 16. 133 | 17. 212 | | | |

X-PRACTICE A PAGE 47

- | | | | | |
|-----------|-----------|-----------|-----------|--|
| 1. 463 | 2. 885 | 3. 379 | 4. 965 | |
| 5. 1,825 | 6. 828 | 7. 1,000 | 8. 738 | |
| 9. 987 | 10. 1,534 | 11. 254 | 12. 844 | |
| 13. 1,341 | 14. 714 | 15. 758 | 16. 1,370 | |
| 17. 1,652 | 18. 535 | 19. 1,200 | 20. 622 | |
| 21. 776 | 22. 1,722 | 23. 1,234 | 24. 916 | |

X-PRACTICE B PAGE 48

- | | | | | |
|---------|---------|---------|---------|--|
| 1. 97 | 2. 39 | 3. 99 | 4. 88 | |
| 5. 99 | 6. 136 | 7. 101 | 8. 142 | |
| 9. 256 | 10. 108 | 11. 167 | 12. 142 | |
| 13. 129 | 14. 83 | 15. 218 | 16. 194 | |
| 17. 224 | 18. 188 | 19. 200 | 20. 90 | |
| 21. 247 | 22. 95 | 23. 156 | 24. 168 | |

X-PRACTICE C PAGE 49

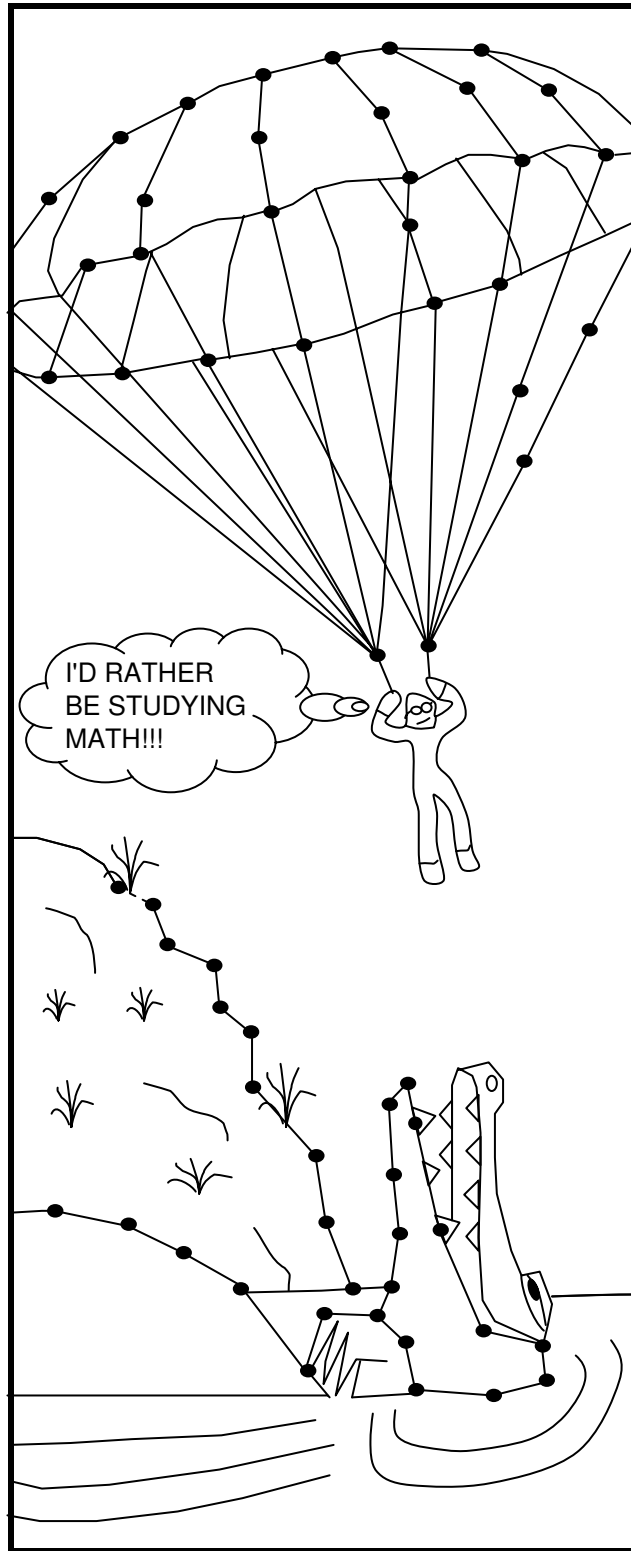
- | | | |
|----------|---------|--|
| 1. 1,037 | | |
| 2. 664 | | |
| 3. 459 | | |
| 4. 1,002 | | |
| 5. 1,152 | | |
| 6. 1,034 | | |
| 7. 1,203 | | |
| 8. 863 | | |
| 9. 1,000 | | |
| 10. 74 | 11. 217 | |
| 12. 82 | 13. 105 | |
| 14. 208 | 15. 100 | |
| 16. 201 | 17. 197 | |

ANSWERS PAGE 10

PATTERN #1

- 2 + 4 = 6
- 5 + 8 = 13
- 1 + 8 = 9
- 2 + 5 = 7
- 6 + 11 = 17
- 5 + 9 = 14
- 31 + 8 = 39
- 16 + 32 = 48
- 7 + 14 = 21
- 12 + 20 = 32
- 11 + 11 = 22
- 19 + 10 = 29
- 8 + 23 = 31
- 22 + 11 = 33
- 37 + 4 = 41
- 23 + 30 = 53
- 25 + 11 = 36
- 22 + 21 = 43
- 33 + 23 = 56
- 7 + 5 = 12
- 31 + 24 = 55
- 13 + 22 = 35
- 1 + 0 = 1
- 53 + 7 = 60
- 3 + 2 = 5
- 24 + 33 = 57
- 2 + 8 = 10
- 11 + 43 = 54
- 0 + 2 = 2
- 5 + 6 = 11

LINE ENDS



PATTERN #2

- 5 + 3 = 8
- 12 + 34 = 46
- 12 + 3 = 15
- 6 + 21 = 27
- 17 + 7 = 24
- 13 + 32 = 45
- 7 + 13 = 20
- 7 + 11 = 18
- 15 + 8 = 23
- 12 + 13 = 25
- 6 + 34 = 40
- 11 + 23 = 34
- 13 + 13 = 26
- 23 + 5 = 28
- 9 + 21 = 30
- 20 + 39 = 59
- 7 + 30 = 37
- 50 + 0 = 50
- 28 + 10 = 38
- 11 + 31 = 42
- 8 + 8 = 16
- 14 + 5 = 19
- 38 + 11 = 49
- 42 + 9 = 51
- 21 + 37 = 58
- 2 + 1 = 3
- 33 + 14 = 47
- 22 + 22 = 44
- 45 + 7 = 52
- 3 + 1 = 4

LINE ENDS

ANSWERS PAGE 19

PATTERN #1

$$8 + 9 = \underline{17}$$

$$1 + 3 = \underline{4}$$

$$35 + 32 = \underline{67}$$

$$2 + 4 = \underline{6}$$

$$21 + 11 = \underline{32}$$

$$13 + 23 = \underline{36}$$

$$12 + 13 = \underline{25}$$

$$10 + 13 = \underline{23}$$

$$16 + 21 = \underline{37}$$

$$21 + 21 = \underline{42}$$

$$7 + 4 = \underline{11}$$

$$8 + 5 = \underline{13}$$

$$20 + 15 = \underline{35}$$

$$15 + 9 = \underline{24}$$

$$17 + 10 = \underline{27}$$

LINE ENDS

PATTERN #2

$$30 + 20 = \underline{50}$$

$$13 + 26 = \underline{39}$$

$$32 + 8 = \underline{40}$$

$$34 + 43 = \underline{77}$$

$$5 + 2 = \underline{7}$$

$$12 + 14 = \underline{26}$$

$$20 + 31 = \underline{51}$$

$$9 + 13 = \underline{22}$$

$$25 + 22 = \underline{47}$$

$$14 + 24 = \underline{38}$$

$$5 + 3 = \underline{8}$$

$$24 + 5 = \underline{29}$$

$$15 + 13 = \underline{28}$$

$$5 + 13 = \underline{18}$$

$$41 + 21 = \underline{62}$$

LINE ENDS

PATTERN #3

$$6 + 6 = \underline{12}$$

$$12 + 32 = \underline{44}$$

$$25 + 6 = \underline{31}$$

$$2 + 7 = \underline{9}$$

$$71 + 9 = \underline{80}$$

$$27 + 3 = \underline{30}$$

$$3 + 16 = \underline{19}$$

$$15 + 33 = \underline{48}$$

$$4 + 12 = \underline{16}$$

$$36 + 5 = \underline{41}$$

$$10 + 11 = \underline{21}$$

$$5 + 7 = \underline{12}$$

$$7 + 13 = \underline{20}$$

$$0 + 3 = \underline{3}$$

$$49 + 10 = \underline{59}$$

LINE ENDS

PATTERN #4

$$11 + 3 = \underline{14}$$

$$14 + 31 = \underline{45}$$

$$13 + 5 = \underline{18}$$

$$2 + 3 = \underline{5}$$

$$10 + 5 = \underline{15}$$

$$32 + 17 = \underline{49}$$

$$2 + 8 = \underline{10}$$

$$36 + 7 = \underline{43}$$

$$24 + 32 = \underline{56}$$

$$10 + 23 = \underline{33}$$

$$6 + 67 = \underline{73}$$

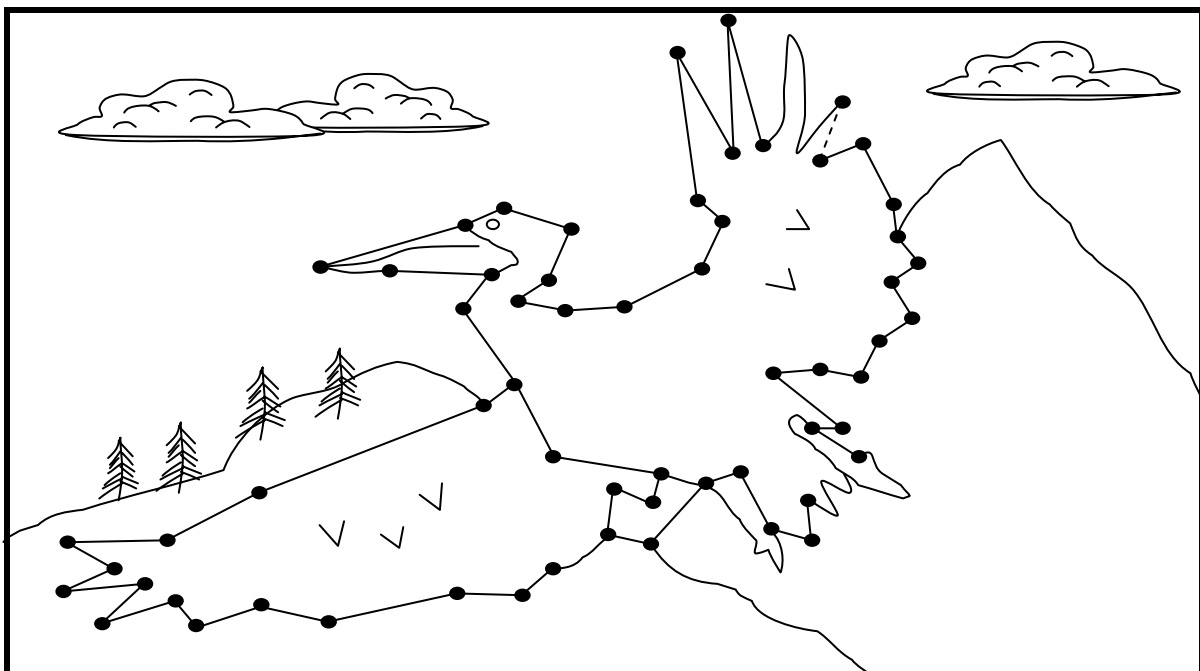
$$1 + 1 = \underline{2}$$

$$23 + 11 = \underline{34}$$

$$40 + 12 = \underline{52}$$

$$7 + 53 = \underline{60}$$

LINE ENDS



ANSWERS PAGE 25

PATTERN #1

$$\begin{array}{r} 6 + 12 = \underline{18} \\ 33 + 7 = \underline{40} \\ 2 + 3 = \underline{5} \\ 14 + 15 = \underline{29} \\ 10 + 2 = \underline{12} \\ 29 + 16 = \underline{45} \\ 36 + 20 = \underline{56} \\ 7 + 16 = \underline{23} \\ 24 + 20 = \underline{44} \\ 1 + 7 = \underline{8} \\ 20 + 14 = \underline{34} \\ 32 + 21 = \underline{53} \\ 14 + 16 = \underline{30} \\ 5 + 6 = \underline{11} \end{array}$$

LINE ENDS

PATTERN #2

$$\begin{array}{r} 14 + 7 = \underline{21} \\ 20 + 19 = \underline{39} \\ 23 + 23 = \underline{46} \\ 3 + 6 = \underline{9} \\ 18 + 17 = \underline{35} \\ 8 + 5 = \underline{13} \\ 27 + 23 = \underline{50} \\ 17 + 11 = \underline{28} \\ 0 + 1 = \underline{1} \\ 8 + 12 = \underline{20} \\ 23 + 26 = \underline{49} \\ 24 + 14 = \underline{38} \\ 2 + 2 = \underline{4} \\ 17 + 8 = \underline{25} \end{array}$$

LINE ENDS

PATTERN #3

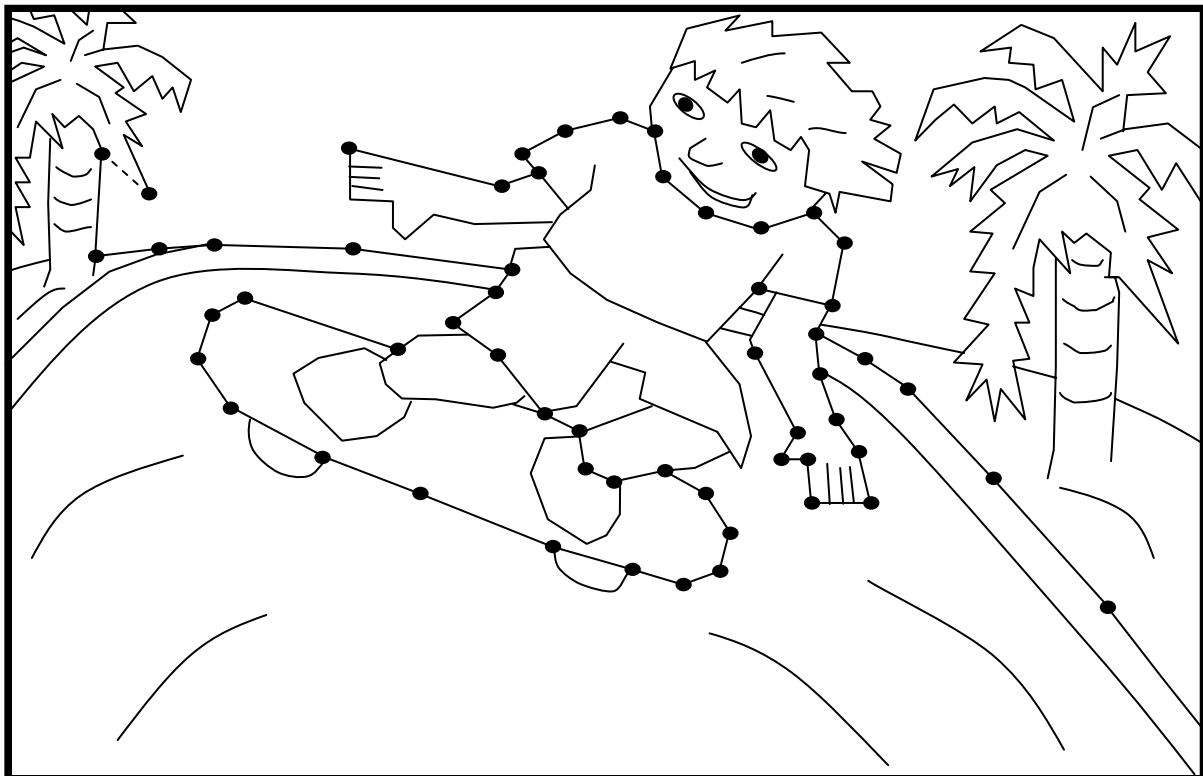
$$\begin{array}{r} 6 + 8 = \underline{14} \\ 33 + 22 = \underline{55} \\ 20 + 17 = \underline{37} \\ 0 + 2 = \underline{2} \\ 18 + 8 = \underline{26} \\ 3 + 16 = \underline{19} \\ 21 + 31 = \underline{52} \\ 18 + 15 = \underline{33} \\ 21 + 26 = \underline{47} \\ 6 + 4 = \underline{10} \\ 24 + 17 = \underline{41} \\ 5 + 19 = \underline{24} \\ 9 + 22 = \underline{31} \\ 12 + 5 = \underline{17} \end{array}$$

LINE ENDS

PATTERN #4

$$\begin{array}{r} 18 + 14 = \underline{32} \\ 2 + 4 = \underline{6} \\ 17 + 34 = \underline{51} \\ 25 + 18 = \underline{43} \\ 2 + 20 = \underline{22} \\ 32 + 22 = \underline{54} \\ 9 + 6 = \underline{15} \\ 24 + 24 = \underline{48} \\ 12 + 15 = \underline{27} \\ 17 + 19 = \underline{36} \\ 1 + 2 = \underline{3} \\ 30 + 12 = \underline{42} \\ 9 + 7 = \underline{16} \\ 4 + 3 = \underline{7} \end{array}$$

LINE ENDS



ANSWERS PAGE 31

PATTERN #1

$$30 + 11 = \underline{41}$$

$$5 + 5 = \underline{10}$$

$$13 + 9 = \underline{22}$$

$$2 + 4 = \underline{6}$$

$$20 + 11 = \underline{31}$$

$$35 + 16 = \underline{51}$$

$$19 + 35 = \underline{54}$$

$$3 + 13 = \underline{16}$$

$$13 + 15 = \underline{28}$$

$$7 + 4 = \underline{11}$$

$$6 + 6 = \underline{12}$$

$$67 + 17 = \underline{84}$$

$$11 + 3 = \underline{14}$$

$$13 + 11 = \underline{24}$$

$$9 + 20 = \underline{29}$$

LINE ENDS

PATTERN #2

$$23 + 20 = \underline{43}$$

$$4 + 1 = \underline{5}$$

$$6 + 30 = \underline{36}$$

$$8 + 11 = \underline{19}$$

$$9 + 18 = \underline{27}$$

$$1 + 3 = \underline{4}$$

$$21 + 0 = \underline{21}$$

$$9 + 3 = \underline{12}$$

$$11 + 30 = \underline{41}$$

$$12 + 5 = \underline{17}$$

$$2 + 8 = \underline{10}$$

$$10 + 6 = \underline{16}$$

$$38 + 22 = \underline{60}$$

$$9 + 4 = \underline{13}$$

$$7 + 11 = \underline{18}$$

LINE ENDS

PATTERN #3

$$15 + 25 = \underline{40}$$

$$7 + 0 = \underline{7}$$

$$12 + 13 = \underline{25}$$

$$5 + 3 = \underline{8}$$

$$1 + 1 = \underline{2}$$

$$48 + 39 = \underline{87}$$

$$5 + 4 = \underline{9}$$

$$11 + 11 = \underline{22}$$

$$28 + 44 = \underline{72}$$

$$9 + 3 = \underline{12}$$

$$20 + 12 = \underline{32}$$

$$12 + 9 = \underline{21}$$

$$17 + 27 = \underline{44}$$

$$19 + 4 = \underline{23}$$

$$9 + 10 = \underline{19}$$

LINE ENDS

PATTERN #4

$$2 + 1 = \underline{3}$$

$$6 + 8 = \underline{14}$$

$$3 + 3 = \underline{6}$$

$$29 + 29 = \underline{58}$$

$$30 + 5 = \underline{35}$$

$$8 + 7 = \underline{15}$$

$$6 + 13 = \underline{19}$$

$$15 + 5 = \underline{20}$$

$$3 + 2 = \underline{5}$$

$$35 + 56 = \underline{91}$$

$$28 + 47 = \underline{75}$$

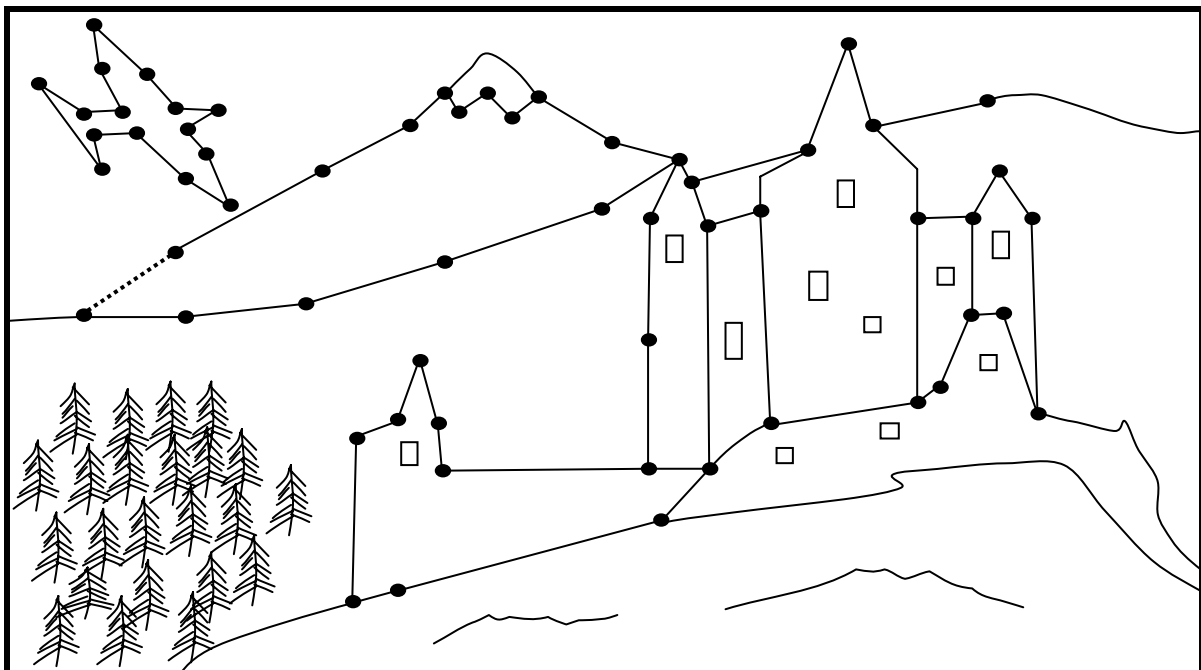
$$12 + 18 = \underline{30}$$

$$13 + 13 = \underline{26}$$

$$2 + 2 = \underline{4}$$

$$27 + 36 = \underline{63}$$

LINE ENDS

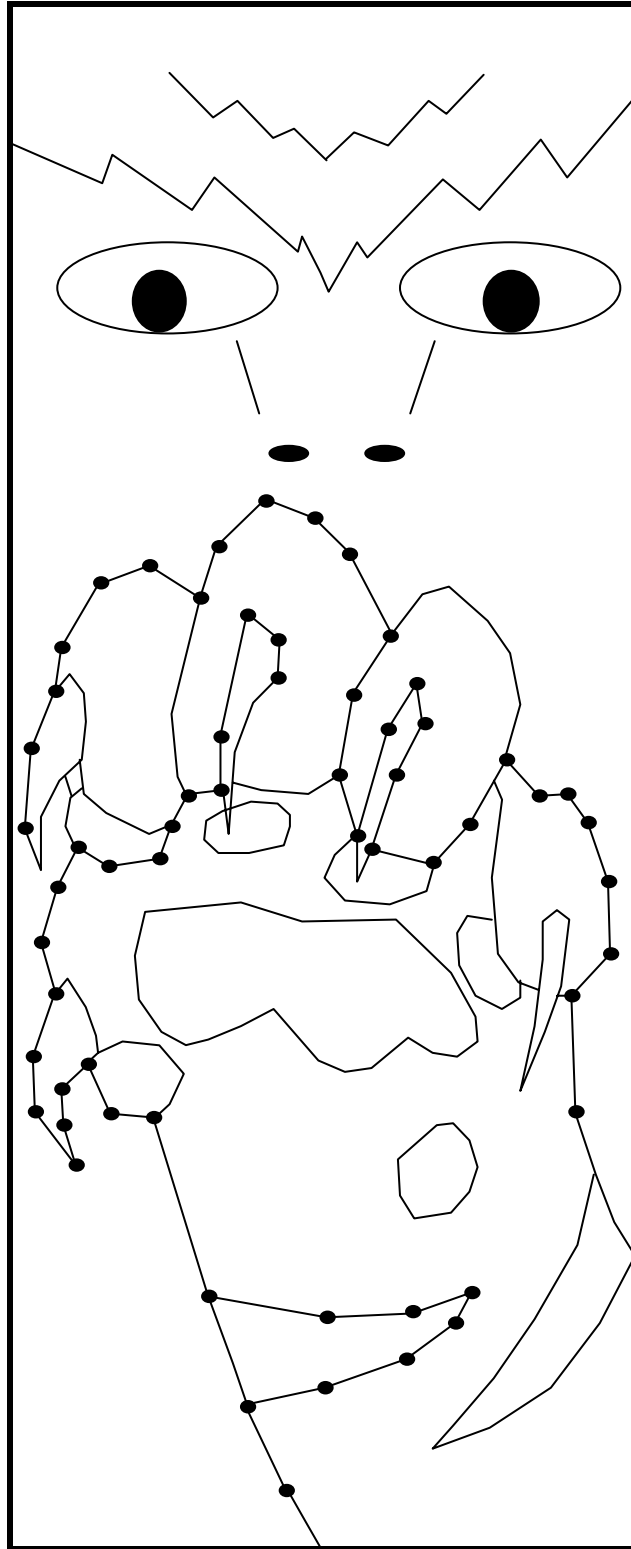


ANSWERS PAGE 42

PATTERN #1

- 18 + 14 = 32
- 11 + 11 = 22
- 11 + 31 = 42
- 7 + 30 = 37
- 14 + 5 = 19
- 5 + 9 = 14
- 31 + 8 = 39
- 8 + 47 = 55
- 7 + 11 = 18
- 17 + 16 = 33
- 37 + 4 = 41
- 29 + 24 = 53
- 23 + 5 = 28
- 9 + 21 = 30
- 20 + 39 = 59
- 2 + 8 = 10
- 1 + 8 = 9
- 38 + 11 = 49
- 11 + 43 = 54
- 0 + 2 = 2
- 12 + 13 = 25
- 17 + 7 = 24
- 13 + 32 = 45
- 5 + 8 = 13
- 37 + 13 = 50
- 5 + 3 = 8
- 12 + 34 = 46
- 12 + 3 = 15
- 7 + 5 = 12
- 5 + 6 = 11

LINE ENDS



PATTERN #2

- 7 + 13 = 20
- 8 + 23 = 31
- 6 + 11 = 17
- 16 + 32 = 48
- 7 + 14 = 21
- 27 + 29 = 56
- 13 + 13 = 26
- 19 + 10 = 29
- 33 + 14 = 47
- 2 + 5 = 7
- 12 + 28 = 40
- 11 + 23 = 34
- 3 + 2 = 5
- 28 + 10 = 38
- 1 + 0 = 1
- 53 + 7 = 60
- 2 + 4 = 6
- 15 + 8 = 23
- 13 + 22 = 35
- 8 + 8 = 16
- 22 + 22 = 44
- 35 + 17 = 52
- 3 + 1 = 4
- 42 + 9 = 51
- 25 + 11 = 36
- 17 + 26 = 43
- 24 + 33 = 57
- 6 + 21 = 27
- 21 + 37 = 58
- 2 + 1 = 3

LINE ENDS