

MULTIPLICATION - LEVEL 1 ANSWERS

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

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|-----|----|-----|----|
| 1. | 26 | 2. | 2 |
| 3. | 12 | 4. | 8 |
| 5. | 14 | 6. | 16 |
| 7. | 18 | 8. | 24 |
| 9. | 6 | 10. | 14 |
| 11. | 28 | 12. | 18 |
| 13. | 16 | 14. | 0 |
| 15. | 4 | 16. | 10 |
| 17. | 8 | 18. | 12 |
| 19. | 22 | 20. | 20 |
| 21. | 16 | 22. | 8 |
| 23. | 4 | 24. | 18 |
| 25. | 10 | 26. | 26 |
| 27. | 14 | 28. | 12 |
| 29. | 16 | 30. | 6 |
| 31. | 2 | 32. | 28 |
| 33. | 0 | 34. | 12 |
| 35. | 12 | 36. | 8 |
| 37. | 22 | 38. | 4 |
| 39. | 10 | 40. | 0 |
| 41. | 18 | 42. | 14 |
| 43. | 24 | 44. | 6 |

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|-----|----|-----|----|
| 1. | 15 | 2. | 15 |
| 3. | 18 | 4. | 6 |
| 5. | 36 | 6. | 30 |
| 7. | 13 | 8. | 9 |
| 9. | 21 | 10. | 39 |
| 11. | 12 | 12. | 12 |
| 13. | 8 | 14. | 16 |
| 15. | 3 | 16. | 15 |
| 17. | 9 | 18. | 36 |
| 19. | 30 | 20. | 18 |
| 21. | 15 | 22. | 21 |
| 23. | 33 | 24. | 12 |
| 25. | 6 | 26. | 24 |
| 27. | 39 | 28. | 33 |
| 29. | 27 | 30. | 30 |
| 31. | 9 | 32. | 8 |
| 33. | 16 | 34. | 42 |
| 35. | 36 | 36. | 21 |
| 37. | 24 | 38. | 36 |
| 39. | 12 | 40. | 27 |
| 41. | 9 | 42. | 39 |

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|----|----|-----|----|
| 1. | 6 | 2. | 6 |
| 3. | 6 | 4. | 8 |
| 5. | 10 | 6. | 7 |
| 7. | 12 | 8. | 12 |
| 9. | 4 | 10. | 9 |

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|-----|----|-----|----|
| 1. | 4 | 2. | 15 |
| 3. | 20 | 4. | 12 |
| 5. | 6 | 6. | 4 |
| 7. | 6 | 8. | 12 |
| 9. | 10 | 10. | 6 |
| 11. | 18 | 12. | 10 |
| 13. | 6 | 14. | 6 |
| 15. | 5 | 16. | 12 |
| 17. | 20 | 18. | 6 |

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|-----|----|-----|----|
| 1. | 6 | 2. | 4 |
| 3. | 5 | 4. | 8 |
| 5. | 12 | 6. | 3 |
| 7. | 12 | 8. | 5 |
| 9. | 9 | 10. | 10 |
| 11. | 4 | 12. | 12 |
| 13. | 10 | 14. | 12 |
| 15. | 16 | 16. | 6 |
| 17. | 3 | 18. | 14 |
| 19. | 9 | 20. | 8 |
| 21. | 14 | 22. | 15 |

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|----|----|----|----|
| 1. | 28 | 2. | 12 |
| 3. | 8 | 4. | 10 |

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|----|----|-----|----|
| 1. | 33 | 2. | 5 |
| 3. | 12 | 4. | 9 |
| 5. | 20 | 6. | 10 |
| 7. | 30 | 8. | 12 |
| 9. | 12 | 10. | 24 |

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|----|----|-----|----|
| 1. | 36 | 2. | 28 |
| 3. | 40 | 4. | 14 |
| 5. | 33 | 6. | 16 |
| 7. | 24 | 8. | 52 |
| 9. | 15 | 10. | 48 |

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|----|----|----|
| 1. | 18 | 24 |
| 2. | 56 | 64 |
| 3. | 48 | 60 |
| 4. | 42 | 49 |

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|-----|----|-----|----|
| 1. | 10 | 2. | 12 |
| | 15 | | 16 |
| 3. | 18 | 4. | 30 |
| | 24 | | 36 |
| 5. | 16 | 6. | 21 |
| | 24 | | 28 |
| 7. | 10 | 8. | 12 |
| | 12 | | 15 |
| 9. | 18 | 10. | 35 |
| | 21 | | 42 |
| 11. | 20 | 12. | 32 |
| | 24 | | 40 |
| 13. | 20 | 14. | 24 |
| | 25 | | 27 |

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

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|-----|----|-----|----|
| 1. | 18 | 2. | 10 |
| 3. | 12 | 4. | 21 |
| 5. | 7 | 6. | 18 |
| 7. | 22 | 8. | 12 |
| 9. | 26 | 10. | 6 |
| 11. | 21 | 12. | 6 |
| 13. | 20 | 14. | 15 |
| 15. | 15 | 16. | 26 |
| 17. | 3 | 18. | 4 |
| 19. | 4 | 20. | 16 |
| 21. | 3 | 22. | 33 |
| 23. | 18 | 24. | 30 |
| 25. | 11 | 26. | 6 |
| 27. | 6 | 28. | 5 |
| 29. | 24 | 30. | 3 |
| 31. | 8 | 32. | 24 |
| 33. | 14 | 34. | 12 |
| 35. | 1 | 36. | 39 |

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|-----|----|-----|----|
| 1. | 3 | 2. | 33 |
| 3. | 15 | 4. | 24 |
| 5. | 16 | 6. | 12 |
| 7. | 30 | 8. | 20 |
| 9. | 2 | 10. | 18 |
| 11. | 18 | 12. | 21 |
| 13. | 3 | 14. | 2 |
| 15. | 4 | 16. | 24 |
| 17. | 15 | 18. | 10 |
| 19. | 18 | 20. | 3 |
| 21. | 22 | 22. | 24 |
| 23. | 3 | 24. | 12 |
| 25. | 24 | 26. | 36 |
| 27. | 24 | 28. | 12 |
| 29. | 26 | 30. | 10 |
| 31. | 8 | 32. | 9 |
| 33. | 3 | 34. | 14 |
| 35. | 16 | 36. | 33 |
| 37. | 27 | 38. | 21 |
| 39. | 5 | 40. | 4 |
| 41. | 6 | 42. | 15 |
| 43. | 13 | 44. | 20 |
| 45. | 7 | 46. | 4 |

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|-----|----|-----|----|
| 1. | 52 | 2. | 15 |
| 3. | 30 | 4. | 24 |
| 5. | 32 | 6. | 45 |
| 7. | 45 | 8. | 20 |
| 9. | 6 | 10. | 72 |
| 11. | 16 | 12. | 24 |
| 13. | 50 | 14. | 28 |
| 15. | 12 | 16. | 40 |
| 17. | 4 | 18. | 24 |
| 19. | 8 | 20. | 42 |

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|-----|----|-----|----|
| 1. | 44 | 2. | 78 |
| 3. | 10 | 4. | 50 |
| 5. | 36 | 6. | 15 |
| 7. | 4 | 8. | 24 |
| 9. | 45 | 10. | 30 |
| 11. | 15 | 12. | 48 |
| 13. | 42 | 14. | 5 |
| 15. | 48 | 16. | 36 |
| 17. | 0 | 18. | 60 |
| 19. | 40 | 20. | 24 |
| 21. | 24 | 22. | 48 |
| 23. | 36 | 24. | 32 |
| 25. | 52 | 26. | 35 |
| 27. | 25 | 28. | 40 |
| 29. | 36 | 30. | 42 |
| 31. | 10 | 32. | 36 |
| 33. | 28 | 34. | 0 |
| 35. | 66 | 36. | 25 |
| 37. | 16 | 38. | 55 |

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|-----|----|-----|----|
| 1. | 12 | 2. | 66 |
| 3. | 30 | 4. | 40 |
| 5. | 40 | 6. | 24 |
| 7. | 66 | 8. | 50 |
| 9. | 8 | 10. | 48 |
| 11. | 28 | 12. | 5 |
| 13. | 0 | 14. | 15 |
| 15. | 25 | 16. | 60 |
| 17. | 55 | 18. | 52 |
| 19. | 18 | 20. | 10 |
| 21. | 48 | 22. | 40 |
| 23. | 12 | 24. | 44 |
| 25. | 65 | 26. | 72 |
| 27. | 36 | 28. | 6 |
| 29. | 40 | 30. | 28 |
| 31. | 54 | 32. | 16 |
| 33. | 24 | 34. | 40 |
| 35. | 42 | 36. | 48 |
| 37. | 36 | 38. | 0 |
| 39. | 32 | 40. | 48 |
| 41. | 24 | 42. | 44 |
| 43. | 66 | 44. | 78 |
| 45. | 0 | 46. | 45 |

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|-----|----|-----|----|
| 1. | 12 | 2. | 0 |
| 3. | 42 | 4. | 60 |
| 5. | 24 | 6. | 28 |
| 7. | 40 | 8. | 48 |
| 9. | 24 | 10. | 55 |
| 11. | 13 | 12. | 54 |

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|-----|----|-----|----|
| 1. | 20 | 2. | 39 |
| 3. | 36 | 4. | 35 |
| 5. | 24 | 6. | 3 |
| 7. | 0 | 8. | 66 |
| 9. | 14 | 10. | 10 |
| 11. | 8 | 12. | 27 |
| 13. | 60 | 14. | 48 |

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|----|----|
| 18 | 7 |
| 18 | 24 |
| 20 | 18 |
| 60 | 18 |
| 7 | 28 |
| 12 | 20 |
| 55 | 55 |
| 0 | 72 |
| 24 | 24 |
| 39 | 60 |
| 45 | 42 |
| 28 | 20 |
| 72 | 39 |
| 12 | 12 |
| 24 | 0 |
| 20 | 45 |
| 42 | 12 |

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8 X 1 = 8 7 X 5 = 35 9 X 3 = 27
9 X 5 = 45 9 X 4 = 36 4 X 5 = 20
2 X 4 = 8 4 X 1 = 4 0 X 6 = 0
6 X 6 = 36 3 X 2 = 6 4 X 3 = 12
8 X 4 = 32 7 X 0 = 0 6 X 2 = 12
7 X 3 = 21 5 X 5 = 25 8 X 5 = 40
3 X 6 = 18 9 X 3 = 27 5 X 1 = 5
8 X 4 = 32 6 X 6 = 36 4 X 6 = 24
6 X 3 = 18 9 X 5 = 45 9 X 4 = 36
8 X 4 = 32 8 X 2 = 16 8 X 5 = 40
7 X 2 = 14 4 X 3 = 12 6 X 3 = 18
8 X 1 = 8 3 X 1 = 3 5 X 4 = 20
9 X 3 = 27 0 X 4 = 0 8 X 6 = 48
6 X 0 = 0 7 X 1 = 7 6 X 5 = 30
0 X 3 = 0 9 X 4 = 36 3 X 0 = 0
6 X 2 = 12 3 X 2 = 6 5 X 4 = 20
3 X 6 = 18 6 X 5 = 30 1 X 3 = 3
4 X 5 = 20 9 X 6 = 54 8 X 5 = 40
2 X 4 = 8 5 X 3 = 15 5 X 6 = 30
7 X 5 = 35 0 X 4 = 0 9 X 4 = 36
9 X 3 = 27 7 X 3 = 21 5 X 3 = 15
6 X 2 = 12 4 X 4 = 16 4 X 2 = 8
1 X 1 = 1 9 X 6 = 54 7 X 1 = 7

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11 X 0 = 0 3 X 6 = 18 2 X 1 = 2
12 X 1 = 12 10 X 5 = 50 7 X 3 = 21
2 X 2 = 4 6 X 1 = 6 12 X 5 = 60
10 X 3 = 30 12 X 2 = 24 5 X 6 = 30
2 X 4 = 8 9 X 4 = 36 11 X 4 = 44
10 X 5 = 50 1 X 3 = 3 5 X 2 = 10
8 X 6 = 48 4 X 2 = 8 3 X 0 = 0
3 X 4 = 12 9 X 3 = 27 10 X 2 = 20
13 X 6 = 78 12 X 4 = 48 9 X 3 = 27
7 X 4 = 28 9 X 5 = 45 9 X 5 = 45
9 X 5 = 45 7 X 3 = 21 11 X 6 = 66
4 X 2 = 8 11 X 1 = 11 2 X 4 = 8
11 X 5 = 55 8 X 6 = 48 13 X 2 = 26
13 X 3 = 39 9 X 5 = 45 7 X 3 = 21
5 X 5 = 25 7 X 3 = 21 9 X 2 = 18
6 X 1 = 6 8 X 2 = 16 12 X 3 = 36
9 X 6 = 54 9 X 6 = 54 11 X 4 = 44
12 X 5 = 60 13 X 0 = 0 9 X 3 = 27
13 X 2 = 26 12 X 4 = 48 5 X 5 = 25
11 X 0 = 0 5 X 3 = 15 13 X 4 = 52
8 X 1 = 8 6 X 2 = 12 13 X 6 = 78
5 X 4 = 20 12 X 6 = 72 9 X 4 = 36
6 X 3 = 18 13 X 5 = 65 9 X 2 = 18
11 X 4 = 44 7 X 3 = 21 8 X 1 = 8
3 X 2 = 6 2 X 2 = 4 12 X 0 = 0
6 X 4 = 24 7 X 4 = 28 3 X 3 = 9
5 X 6 = 30 3 X 4 = 12 5 X 4 = 20
0 X 2 = 0 6 X 1 = 6 12 X 5 = 60

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| | | |
|--------------------|--------------------|--------------------|
| $7 \times 6 = 42$ | $5 \times 2 = 10$ | $4 \times 4 = 16$ |
| $6 \times 5 = 30$ | $7 \times 3 = 21$ | $7 \times 5 = 35$ |
| $4 \times 4 = 16$ | $4 \times 4 = 16$ | $8 \times 6 = 48$ |
| $6 \times 3 = 18$ | $12 \times 4 = 48$ | $9 \times 4 = 36$ |
| $0 \times 2 = 0$ | $11 \times 6 = 66$ | $11 \times 3 = 33$ |
| $2 \times 1 = 2$ | $13 \times 0 = 0$ | $4 \times 6 = 24$ |
| $4 \times 0 = 0$ | $9 \times 1 = 9$ | $6 \times 5 = 30$ |
| $7 \times 3 = 21$ | $7 \times 2 = 14$ | $9 \times 3 = 27$ |
| $11 \times 5 = 55$ | $5 \times 5 = 25$ | $12 \times 6 = 72$ |
| $3 \times 6 = 18$ | $12 \times 3 = 36$ | $4 \times 4 = 16$ |
| $13 \times 3 = 39$ | $13 \times 4 = 52$ | $2 \times 3 = 6$ |
| $5 \times 4 = 20$ | $7 \times 5 = 35$ | $0 \times 0 = 0$ |
| $9 \times 2 = 18$ | $5 \times 2 = 10$ | $11 \times 3 = 33$ |
| $12 \times 1 = 12$ | $11 \times 3 = 33$ | $5 \times 2 = 10$ |
| $6 \times 0 = 0$ | $0 \times 4 = 0$ | $7 \times 4 = 28$ |
| $8 \times 5 = 40$ | $10 \times 5 = 50$ | $9 \times 6 = 54$ |
| $4 \times 4 = 16$ | $5 \times 5 = 25$ | $10 \times 5 = 50$ |
| $3 \times 6 = 18$ | $2 \times 2 = 4$ | $4 \times 2 = 8$ |
| $12 \times 2 = 24$ | $10 \times 5 = 50$ | $2 \times 4 = 8$ |
| $6 \times 1 = 6$ | $5 \times 6 = 30$ | $1 \times 5 = 5$ |
| $9 \times 5 = 45$ | $4 \times 4 = 16$ | $12 \times 6 = 72$ |
| $11 \times 6 = 66$ | $9 \times 3 = 27$ | $6 \times 5 = 30$ |
| $6 \times 3 = 18$ | $12 \times 1 = 12$ | $8 \times 4 = 32$ |
| $8 \times 2 = 16$ | $8 \times 0 = 0$ | $9 \times 3 = 27$ |
| $9 \times 4 = 36$ | $11 \times 2 = 22$ | $3 \times 2 = 6$ |
| $11 \times 3 = 33$ | $10 \times 6 = 60$ | $11 \times 6 = 66$ |
| $10 \times 6 = 60$ | $6 \times 5 = 30$ | $4 \times 5 = 20$ |
| $6 \times 2 = 12$ | $4 \times 3 = 12$ | $5 \times 1 = 5$ |

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|-----|-----|-----|----|
| 1. | 40 | 2. | 96 |
| 3. | 49 | 4. | 72 |
| 5. | 63 | 6. | 80 |
| 7. | 108 | 8. | 14 |
| 9. | 8 | 10. | 72 |
| 11. | 48 | 12. | 24 |
| 13. | 90 | 14. | 63 |
| 15. | 91 | 16. | 36 |
| 17. | 0 | 18. | 64 |
| 19. | 77 | 20. | 42 |

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|-----|-----|-----|-----|
| 1. | 84 | 2. | 104 |
| 3. | 36 | 4. | 40 |
| 5. | 56 | 6. | 108 |
| 7. | 81 | 8. | 49 |
| 9. | 16 | 10. | 16 |
| 11. | 8 | 12. | 28 |
| 13. | 0 | 14. | 72 |
| 15. | 99 | 16. | 45 |
| 17. | 91 | 18. | 24 |
| 19. | 48 | 20. | 70 |
| 21. | 36 | 22. | 99 |
| 23. | 21 | 24. | 64 |
| 25. | 72 | 26. | 14 |
| 27. | 117 | 28. | 70 |
| 29. | 36 | 30. | 48 |
| 31. | 80 | 32. | 96 |
| 33. | 35 | 34. | 81 |
| 35. | 56 | 36. | 0 |
| 37. | 9 | 38. | 32 |
| 39. | 77 | 40. | 81 |
| 41. | 54 | 42. | 0 |
| 43. | 16 | 44. | 63 |

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|-----|-----|-----|-----|
| 1. | 28 | 2. | 96 |
| 3. | 88 | 4. | 56 |
| 5. | 64 | 6. | 36 |
| 7. | 99 | 8. | 90 |
| 9. | 14 | 10. | 96 |
| 11. | 63 | 12. | 7 |
| 13. | 0 | 14. | 21 |
| 15. | 40 | 16. | 90 |
| 17. | 77 | 18. | 104 |
| 19. | 35 | 20. | 18 |
| 21. | 108 | 22. | 70 |
| 23. | 24 | 24. | 99 |
| 25. | 91 | 26. | 84 |
| 27. | 32 | 28. | 9 |
| 29. | 80 | 30. | 63 |
| 31. | 81 | 32. | 28 |
| 33. | 42 | 34. | 8 |
| 35. | 49 | 36. | 96 |
| 37. | 0 | 38. | 72 |
| 39. | 21 | 40. | 56 |
| 41. | 104 | 42. | 77 |
| 43. | 72 | 44. | 40 |
| 45. | 14 | 46. | 54 |

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|-----|-----|-----|-----|
| 1. | 20 | 2. | 100 |
| 3. | 40 | 4. | 70 |
| 5. | 60 | 6. | 130 |
| 7. | 80 | 8. | 120 |
| 9. | 10 | 10. | 110 |
| 11. | 30 | 12. | 90 |
| 13. | 50 | 14. | 80 |
| 15. | 70 | 16. | 20 |
| 17. | 90 | 18. | 60 |
| 19. | 100 | 20. | 70 |
| 21. | 0 | 22. | 50 |
| 23. | 120 | 24. | 20 |
| 25. | 110 | 26. | 10 |
| 27. | 10 | 28. | 80 |
| 29. | 130 | 30. | 70 |
| 31. | 100 | 32. | 40 |
| 33. | 50 | 34. | 30 |
| 35. | 20 | 36. | 90 |
| 37. | 60 | 38. | 130 |

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|-----|-----|-----|-----|
| 1. | 11 | 2. | 110 |
| 3. | 66 | 4. | 66 |
| 5. | 88 | 6. | 121 |
| 7. | 0 | 8. | 143 |
| 9. | 33 | 10. | 11 |
| 11. | 55 | 12. | 33 |
| 13. | 66 | 14. | 44 |
| 15. | 22 | 16. | 33 |
| 17. | 99 | 18. | 121 |
| 19. | 132 | 20. | 99 |
| 21. | 44 | 22. | 88 |
| 23. | 110 | 24. | 55 |
| 25. | 143 | 26. | 0 |
| 27. | 44 | 28. | 77 |
| 29. | 132 | 30. | 22 |
| 31. | 121 | 32. | 66 |
| 33. | 11 | 34. | 110 |
| 35. | 0 | 36. | 143 |

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|---------|---------|
| 1. 40 | 2. 132 |
| 3. 121 | 4. 70 |
| 5. 80 | 6. 88 |
| 7. 110 | 8. 100 |
| 9. 22 | 10. 132 |
| 11. 77 | 12. 10 |
| 13. 0 | 14. 33 |
| 15. 50 | 16. 110 |
| 17. 44 | 18. 130 |
| 19. 60 | 20. 22 |
| 21. 132 | 22. 0 |
| 23. 30 | 24. 99 |
| 25. 143 | 26. 120 |
| 27. 40 | 28. 11 |
| 29. 33 | 30. 70 |
| 31. 90 | 32. 40 |
| 33. 60 | 34. 11 |
| 35. 77 | 36. 132 |
| 37. 0 | 38. 90 |
| 39. 70 | 40. 88 |
| 41. 121 | 42. 120 |
| 43. 130 | 44. 80 |
| 45. 20 | 46. 99 |

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1. 253
2. 484
3. 4,678,971

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|---------|---------|
| 1. 48 | 2. 52 |
| 3. 91 | 4. 96 |
| 5. 26 | 6. 120 |
| 7. 12 | 8. 78 |
| 9. 72 | 10. 0 |
| 11. 0 | 12. 143 |
| 13. 36 | 14. 24 |
| 15. 104 | 16. 84 |
| 17. 108 | 18. 39 |
| 19. 26 | 20. 13 |
| 21. 60 | 22. 144 |
| 23. 132 | 24. 65 |

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|---------|---------|
| 1. 132 | 2. 144 |
| 3. 52 | 4. 91 |
| 5. 96 | 6. 104 |
| 7. 132 | 8. 120 |
| 9. 26 | 10. 84 |
| 11. 91 | 12. 13 |
| 13. 0 | 14. 39 |
| 15. 60 | 16. 120 |
| 17. 24 | 18. 156 |
| 19. 72 | 20. 26 |
| 21. 156 | 22. 0 |
| 23. 36 | 24. 108 |
| 25. 169 | 26. 65 |
| 27. 48 | 28. 12 |
| 29. 36 | 30. 60 |
| 31. 117 | 32. 52 |
| 33. 78 | 34. 96 |
| 35. 132 | 36. 144 |
| 37. 13 | 38. 117 |
| 39. 84 | 40. 104 |
| 41. 130 | 42. 0 |
| 43. 39 | 44. 60 |
| 45. 24 | 46. 91 |

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|---------|---------|
| 1. 48 | 2. 36 |
| 3. 91 | 4. 78 |
| 5. 12 | 6. 52 |
| 7. 156 | 8. 120 |
| 9. 60 | 10. 0 |
| 11. 108 | 12. 143 |
| 13. 39 | 14. 24 |
| 15. 0 | 16. 65 |
| 17. 132 | 18. 169 |
| 19. 104 | 20. 144 |
| 21. 26 | 22. 84 |
| 23. 156 | 24. 117 |
| 25. 72 | 26. 60 |
| 27. 91 | 28. 13 |
| 29. 130 | 30. 96 |
| 31. 132 | 32. 169 |
| 33. 156 | 34. 78 |
| 35. 108 | 36. 48 |
| 37. 52 | 38. 120 |
| 39. 24 | 40. 143 |
| 41. 144 | 42. 0 |
| 43. 91 | 44. 65 |
| 45. 39 | 46. 12 |

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|---------------|---------------|---------------|
| 8 X 8 = 64 | 7 X 6 = 42 | 9 X 6 = 54 |
| 9 X 9 = 81 | 9 X 4 = 36 | 12 X 12 = 144 |
| 2 X 2 = 4 | 10 X 9 = 90 | 0 X 9 = 0 |
| 6 X 6 = 36 | 3 X 7 = 21 | 4 X 7 = 28 |
| 8 X 4 = 32 | 13 X 12 = 156 | 6 X 3 = 18 |
| 11 X 3 = 33 | 5 X 11 = 55 | 8 X 5 = 40 |
| 10 X 10 = 100 | 11 X 9 = 99 | 11 X 6 = 66 |
| 12 X 12 = 144 | 6 X 6 = 36 | 4 X 10 = 40 |
| 11 X 7 = 77 | 9 X 7 = 63 | 13 X 6 = 78 |
| 4 X 4 = 16 | 8 X 2 = 16 | 8 X 12 = 96 |
| 7 X 7 = 49 | 4 X 3 = 12 | 6 X 7 = 42 |
| 8 X 9 = 72 | 3 X 9 = 27 | 5 X 4 = 20 |
| 9 X 3 = 27 | 12 X 4 = 48 | 8 X 9 = 72 |
| 11 X 11 = 121 | 7 X 0 = 0 | 10 X 5 = 50 |
| 0 X 0 = 0 | 9 X 13 = 117 | 3 X 12 = 36 |
| 6 X 8 = 48 | 3 X 11 = 33 | 5 X 4 = 20 |
| 3 X 5 = 15 | 6 X 9 = 54 | 1 X 10 = 10 |
| 4 X 9 = 36 | 9 X 6 = 54 | 8 X 7 = 56 |
| 2 X 12 = 24 | 11 X 1 = 11 | 5 X 11 = 55 |
| 7 X 5 = 35 | 0 X 5 = 0 | 9 X 12 = 108 |
| 9 X 13 = 117 | 7 X 8 = 56 | 11 X 4 = 44 |
| 6 X 11 = 66 | 4 X 4 = 16 | 12 X 0 = 0 |
| 1 X 7 = 7 | 9 X 6 = 54 | 7 X 3 = 21 |

MULTIPLICATION - LEVEL 1 ANSWERS CONTINUED

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11 X 10 = 110 3 X 8 = 24 2 X 11 = 22
12 X 7 = 84 10 X 5 = 50 7 X 5 = 35
2 X 8 = 16 6 X 7 = 42 12 X 10 = 120
10 X 6 = 60 12 X 11 = 132 5 X 2 = 10
2 X 1 = 2 9 X 8 = 72 11 X 5 = 55
10 X 13 = 130 1 X 3 = 3 5 X 8 = 40
8 X 4 = 32 4 X 12 = 48 3 X 3 = 9
3 X 13 = 39 9 X 13 = 117 10 X 8 = 80
13 X 5 = 65 12 X 8 = 96 9 X 5 = 45
7 X 4 = 28 9 X 13 = 117 9 X 3 = 27
9 X 9 = 81 7 X 11 = 77 11 X 8 = 88
4 X 13 = 52 11 X 11 = 121 2 X 4 = 8
11 X 3 = 33 8 X 8 = 64 13 X 2 = 26
13 X 11 = 143 9 X 4 = 36 7 X 9 = 63
5 X 10 = 50 7 X 0 = 0 9 X 7 = 63
6 X 12 = 72 8 X 12 = 96 12 X 4 = 48
9 X 9 = 81 9 X 6 = 54 11 X 12 = 132
12 X 8 = 96 13 X 13 = 169 9 X 11 = 99
13 X 9 = 117 12 X 9 = 108 5 X 5 = 25
11 X 8 = 88 5 X 1 = 5 13 X 7 = 91
8 X 7 = 56 6 X 9 = 54 13 X 11 = 143
5 X 13 = 65 12 X 9 = 108 9 X 10 = 90
6 X 13 = 78 13 X 8 = 104 9 X 7 = 63
11 X 4 = 44 7 X 12 = 84 8 X 8 = 64
3 X 2 = 6 2 X 2 = 4 12 X 11 = 132
6 X 11 = 66 7 X 7 = 49 3 X 7 = 21
5 X 6 = 30 3 X 4 = 12 5 X 4 = 20
0 X 7 = 0 6 X 1 = 6 12 X 12 = 144

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7 X 11 = 77 5 X 7 = 35 4 X 0 = 0
6 X 8 = 48 7 X 4 = 28 7 X 3 = 21
4 X 8 = 32 4 X 10 = 40 8 X 7 = 56
6 X 6 = 36 12 X 9 = 108 9 X 8 = 72
0 X 10 = 0 11 X 6 = 66 11 X 7 = 77
2 X 3 = 6 13 X 11 = 143 4 X 5 = 20
4 X 7 = 28 9 X 12 = 108 6 X 10 = 60
7 X 4 = 28 7 X 9 = 63 9 X 11 = 99
11 X 10 = 110 5 X 7 = 35 12 X 9 = 108
3 X 7 = 21 12 X 4 = 48 4 X 2 = 8
13 X 12 = 156 13 X 10 = 130 2 X 4 = 8
5 X 6 = 30 7 X 2 = 14 0 X 8 = 0
9 X 11 = 99 5 X 3 = 15 11 X 12 = 132
12 X 1 = 12 11 X 9 = 99 5 X 9 = 45
6 X 2 = 12 4 X 8 = 32 7 X 7 = 49
8 X 8 = 64 10 X 6 = 60 9 X 4 = 36
4 X 5 = 20 5 X 12 = 60 10 X 10 = 100
3 X 3 = 9 2 X 12 = 24 4 X 4 = 16
12 X 0 = 0 10 X 0 = 0 2 X 2 = 4
6 X 2 = 12 5 X 5 = 25 1 X 7 = 7
9 X 9 = 81 4 X 3 = 12 12 X 12 = 144
11 X 7 = 77 9 X 12 = 108 6 X 6 = 36
6 X 5 = 30 12 X 11 = 132 8 X 8 = 64
8 X 13 = 104 8 X 8 = 64 9 X 9 = 81
9 X 12 = 108 11 X 9 = 99 3 X 3 = 9
11 X 9 = 99 10 X 7 = 70 11 X 9 = 99
10 X 6 = 60 6 X 5 = 30 4 X 7 = 28
6 X 7 = 42 4 X 4 = 16 5 X 5 = 25

MULTIPLICATION - LEVEL 1 ANSWERS CONTINUED

TIME TEST - A

6 X 13 = 78 6 X 12 = 72 13 X 4 = 52
11 X 4 = 44 1 X 3 = 3 3 X 7 = 21
3 X 2 = 6 13 X 7 = 91 8 X 8 = 64
12 X 11 = 132 2 X 4 = 8 13 X 13 = 169
8 X 9 = 72 13 X 12 = 156 13 X 5 = 65
10 X 3 = 30 12 X 9 = 108 7 X 4 = 28
9 X 11 = 99 5 X 1 = 5 9 X 9 = 81
5 X 5 = 25 4 X 13 = 52 2 X 2 = 4
7 X 7 = 49 12 X 11 = 132 8 X 6 = 48
8 X 4 = 32 9 X 11 = 99 9 X 13 = 117
5 X 2 = 10 5 X 5 = 25 0 X 11 = 0
3 X 13 = 39 6 X 8 = 48 10 X 8 = 80
8 X 4 = 32 9 X 13 = 117 5 X 9 = 45
5 X 2 = 10 13 X 11 = 143 13 X 7 = 91
3 X 13 = 39 7 X 10 = 70 11 X 2 = 22

TIME TEST - B

3 X 8 = 24 2 X 5 = 10 5 X 4 = 20
10 X 5 = 50 12 X 8 = 96 11 X 11 = 121
6 X 7 = 42 3 X 7 = 21 8 X 8 = 64
12 X 11 = 132 2 X 4 = 8 9 X 3 = 27
9 X 8 = 72 5 X 10 = 50 13 X 12 = 156
1 X 3 = 3 11 X 5 = 55 12 X 7 = 84
4 X 12 = 48 5 X 8 = 40 9 X 11 = 99
9 X 13 = 117 3 X 3 = 9 5 X 5 = 25
11 X 10 = 110 9 X 8 = 72 13 X 7 = 91
12 X 7 = 84 3 X 11 = 33 8 X 4 = 32
0 X 8 = 0 1 X 2 = 2 3 X 13 = 39
10 X 6 = 60 7 X 10 = 70 13 X 5 = 65
2 X 1 = 2 13 X 3 = 39 7 X 10 = 70
9 X 4 = 36 2 X 9 = 18 5 X 9 = 45
7 X 11 = 77 11 X 8 = 88 11 X 2 = 22

TIME TEST - C

8 X 4 = 32 6 X 7 = 42 13 X 11 = 143
3 X 13 = 39 13 X 2 = 26 5 X 8 = 40
13 X 5 = 65 5 X 1 = 5 3 X 3 = 9
7 X 10 = 70 6 X 11 = 66 7 X 8 = 56
5 X 9 = 45 5 X 6 = 30 12 X 0 = 0
11 X 2 = 22 7 X 4 = 28 7 X 5 = 35
7 X 5 = 35 10 X 13 = 130 12 X 10 = 120
12 X 10 = 120 10 X 8 = 80 9 X 4 = 36
11 X 5 = 55 7 X 7 = 49 7 X 11 = 77
4 X 3 = 12 3 X 2 = 6 5 X 4 = 20
9 X 10 = 90 12 X 12 = 144 11 X 11 = 121
5 X 8 = 40 9 X 4 = 36 9 X 3 = 27
3 X 3 = 9 12 X 8 = 96 13 X 12 = 156
13 X 13 = 169 3 X 7 = 21 1 X 3 = 3
2 X 2 = 4 5 X 4 = 20 3 X 8 = 24

TIME TEST - D

9 X 7 = 63 13 X 7 = 91 13 X 1 = 13
8 X 3 = 24 2 X 4 = 8 12 X 9 = 108
6 X 8 = 48 2 X 13 = 26 5 X 1 = 5
2 X 13 = 26 8 X 8 = 64 3 X 4 = 12
7 X 2 = 14 9 X 3 = 27 9 X 10 = 90
5 X 1 = 5 3 X 3 = 9 10 X 7 = 70
11 X 1 = 11 9 X 5 = 45 11 X 3 = 33
10 X 6 = 60 8 X 7 = 56 13 X 8 = 104
2 X 2 = 4 6 X 0 = 0 7 X 1 = 7
8 X 4 = 32 3 X 13 = 39 2 X 11 = 22
10 X 8 = 80 7 X 4 = 28 3 X 1 = 3
5 X 9 = 45 9 X 9 = 81 9 X 11 = 99
12 X 7 = 84 4 X 13 = 52 5 X 5 = 25

MULTIPLICATION - LEVEL 1 ANSWERS CONTINUED

TIME TEST - E

9 X 4 = 36 10 X 8 = 80 13 X 5 = 65
6 X 11 = 66 9 X 5 = 45 7 X 4 = 28
5 X 6 = 30 12 X 10 = 120 9 X 9 = 81
7 X 4 = 28 5 X 2 = 10 2 X 2 = 4
10 X 13 = 130 2 X 11 = 22 8 X 6 = 48
11 X 2 = 22 7 X 5 = 35 9 X 13 = 117
7 X 5 = 35 2 X 10 = 20 10 X 11 = 110
12 X 0 = 0 11 X 11 = 121 10 X 8 = 80
6 X 4 = 24 8 X 8 = 64 5 X 9 = 45
5 X 8 = 40 9 X 3 = 27 13 X 7 = 91
3 X 3 = 9 8 X 7 = 56 11 X 2 = 22
9 X 3 = 27 6 X 13 = 78 12 X 8 = 96
13 X 12 = 156 11 X 4 = 44 6 X 9 = 54
7 X 7 = 49 3 X 2 = 6 4 X 4 = 16
3 X 2 = 6 11 X 5 = 55 11 X 10 = 110

TIME TEST - F

9 X 11 = 99 5 X 4 = 20 2 X 5 = 10
5 X 5 = 25 11 X 11 = 121 13 X 2 = 26
7 X 13 = 91 8 X 8 = 64 10 X 13 = 130
3 X 2 = 6 9 X 3 = 27 12 X 12 = 144
6 X 7 = 42 11 X 8 = 88 9 X 4 = 36
7 X 7 = 49 12 X 9 = 108 7 X 0 = 0
8 X 8 = 64 5 X 1 = 5 8 X 7 = 56
3 X 9 = 27 13 X 2 = 26 6 X 13 = 78
6 X 5 = 30 12 X 8 = 96 3 X 13 = 39
6 X 9 = 54 3 X 7 = 21 13 X 5 = 65
2 X 8 = 16 6 X 4 = 24 13 X 7 = 91
9 X 12 = 108 10 X 5 = 50 2 X 4 = 8
3 X 5 = 15 11 X 3 = 33 11 X 3 = 33
4 X 3 = 12 7 X 4 = 28 13 X 1 = 13
9 X 10 = 90 9 X 9 = 81 7 X 10 = 70

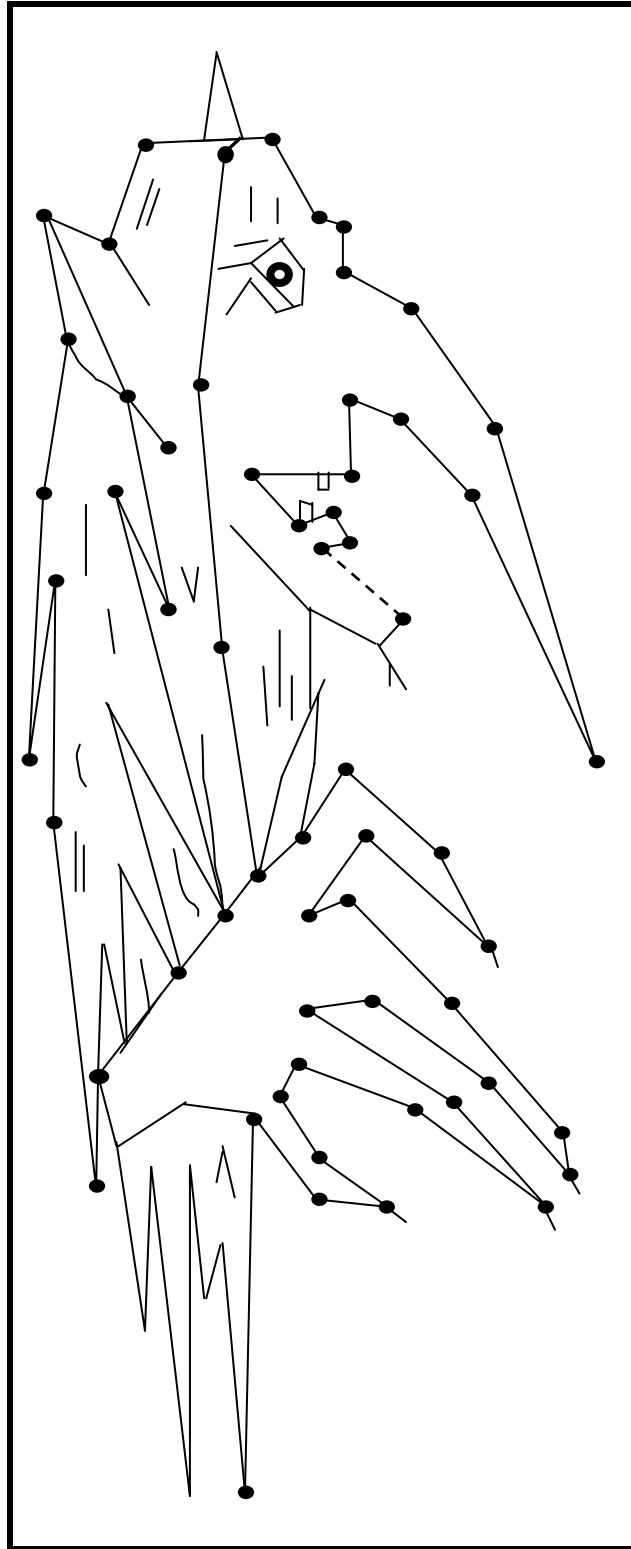
TIME TEST - G

2 X 2 = 4 9 X 3 = 27 8 X 4 = 32
7 X 7 = 49 11 X 3 = 33 2 X 2 = 4
8 X 4 = 32 8 X 4 = 32 13 X 5 = 65
3 X 13 = 39 3 X 13 = 39 11 X 5 = 55
13 X 5 = 65 9 X 8 = 72 5 X 8 = 40
7 X 4 = 28 6 X 11 = 66 3 X 3 = 9
13 X 8 = 104 0 X 6 = 0 10 X 6 = 60
7 X 1 = 7 7 X 4 = 28 2 X 1 = 2
2 X 11 = 22 9 X 13 = 117 9 X 4 = 36
5 X 7 = 35 10 X 11 = 110 8 X 7 = 56
3 X 1 = 3 10 X 8 = 80 6 X 13 = 78
9 X 12 = 108 12 X 8 = 96 3 X 13 = 39
3 X 5 = 15 6 X 9 = 54 13 X 5 = 65
4 X 3 = 12 3 X 3 = 9 12 X 7 = 84
9 X 10 = 90 9 X 3 = 27 7 X 5 = 35

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PATTERN #1

| | | | | |
|----|---|----|---|------------|
| 3 | X | 8 | = | <u>24</u> |
| 10 | X | 5 | = | <u>50</u> |
| 6 | X | 7 | = | <u>42</u> |
| 12 | X | 11 | = | <u>132</u> |
| 8 | X | 9 | = | <u>72</u> |
| 10 | X | 3 | = | <u>30</u> |
| 6 | X | 9 | = | <u>54</u> |
| 13 | X | 13 | = | <u>169</u> |
| 2 | X | 2 | = | <u>4</u> |
| 7 | X | 7 | = | <u>49</u> |
| 8 | X | 4 | = | <u>32</u> |
| 3 | X | 13 | = | <u>39</u> |
| 13 | X | 5 | = | <u>65</u> |
| 7 | X | 4 | = | <u>28</u> |
| 9 | X | 9 | = | <u>81</u> |
| 5 | X | 8 | = | <u>40</u> |
| 3 | X | 3 | = | <u>9</u> |
| 10 | X | 8 | = | <u>80</u> |
| 5 | X | 9 | = | <u>45</u> |
| 7 | X | 8 | = | <u>56</u> |
| 4 | X | 4 | = | <u>16</u> |
| 10 | X | 6 | = | <u>60</u> |
| 12 | X | 12 | = | <u>144</u> |
| 9 | X | 4 | = | <u>36</u> |
| 7 | X | 11 | = | <u>77</u> |
| 5 | X | 4 | = | <u>20</u> |
| 11 | X | 11 | = | <u>121</u> |
| 8 | X | 8 | = | <u>64</u> |
| 9 | X | 3 | = | <u>27</u> |
| 13 | X | 12 | = | <u>156</u> |
| | | | | LINE ENDS |

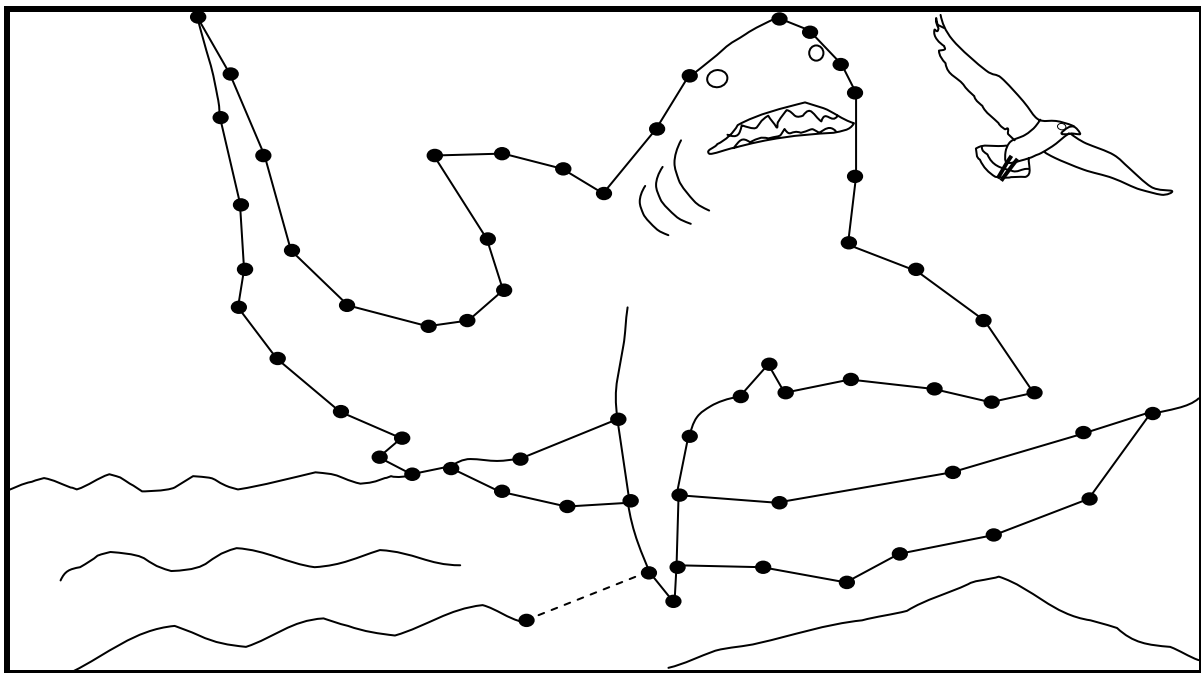


PATTERN #2

| | | | | |
|----|---|----|---|------------|
| 11 | X | 2 | = | <u>22</u> |
| 7 | X | 5 | = | <u>35</u> |
| 12 | X | 10 | = | <u>120</u> |
| 5 | X | 2 | = | <u>10</u> |
| 12 | X | 8 | = | <u>96</u> |
| 6 | X | 13 | = | <u>78</u> |
| 11 | X | 4 | = | <u>44</u> |
| 3 | X | 2 | = | <u>6</u> |
| 8 | X | 6 | = | <u>48</u> |
| 9 | X | 13 | = | <u>117</u> |
| 10 | X | 11 | = | <u>110</u> |
| 12 | X | 7 | = | <u>84</u> |
| 9 | X | 11 | = | <u>99</u> |
| 5 | X | 5 | = | <u>25</u> |
| 13 | X | 7 | = | <u>91</u> |
| 2 | X | 4 | = | <u>8</u> |
| 11 | X | 3 | = | <u>33</u> |
| 13 | X | 11 | = | <u>143</u> |
| 7 | X | 10 | = | <u>70</u> |
| 12 | X | 9 | = | <u>108</u> |
| 5 | X | 1 | = | <u>5</u> |
| 13 | X | 2 | = | <u>26</u> |
| 10 | X | 13 | = | <u>130</u> |
| 11 | X | 5 | = | <u>55</u> |
| 4 | X | 3 | = | <u>12</u> |
| 9 | X | 10 | = | <u>90</u> |
| 1 | X | 3 | = | <u>3</u> |
| 6 | X | 11 | = | <u>66</u> |
| 13 | X | 4 | = | <u>52</u> |
| 3 | X | 7 | = | <u>21</u> |
| | | | | LINE ENDS |

ANSWERS PAGE 36

| PATTERN #1 | | PATTERN #2 | | PATTERN #3 | | PATTERN #4 | |
|------------|-------------------|------------|------------------|------------|-------------------|------------|-------------------|
| 12 | X 11 = <u>132</u> | 3 | X 8 = <u>24</u> | 2 | X 11 = <u>22</u> | 5 | X 1 = <u>5</u> |
| 9 | X 8 = <u>72</u> | 10 | X 5 = <u>50</u> | 3 | X 2 = <u>6</u> | 3 | X 4 = <u>12</u> |
| 1 | X 3 = <u>3</u> | 8 | X 4 = <u>32</u> | 6 | X 11 = <u>66</u> | 9 | X 7 = <u>63</u> |
| 2 | X 4 = <u>8</u> | 3 | X 13 = <u>39</u> | 5 | X 6 = <u>30</u> | 7 | X 4 = <u>28</u> |
| 13 | X 2 = <u>26</u> | 13 | X 5 = <u>65</u> | 11 | X 5 = <u>55</u> | 9 | X 9 = <u>81</u> |
| 10 | X 13 = <u>130</u> | 6 | X 9 = <u>54</u> | 5 | X 8 = <u>40</u> | 8 | X 7 = <u>56</u> |
| 2 | X 8 = <u>16</u> | 11 | X 8 = <u>88</u> | 6 | X 7 = <u>42</u> | 6 | X 13 = <u>78</u> |
| 10 | X 6 = <u>60</u> | 2 | X 2 = <u>4</u> | 7 | X 5 = <u>35</u> | 11 | X 4 = <u>44</u> |
| 5 | X 2 = <u>10</u> | 10 | X 8 = <u>80</u> | 12 | X 10 = <u>120</u> | 11 | X 11 = <u>121</u> |
| 4 | X 12 = <u>48</u> | 9 | X 5 = <u>45</u> | 9 | X 3 = <u>27</u> | 8 | X 8 = <u>64</u> |
| 9 | X 10 = <u>90</u> | 12 | X 8 = <u>96</u> | 1 | X 2 = <u>2</u> | 7 | X 10 = <u>70</u> |
| 3 | X 3 = <u>9</u> | 3 | X 7 = <u>21</u> | 12 | X 9 = <u>108</u> | 4 | X 13 = <u>52</u> |
| 9 | X 11 = <u>99</u> | 5 | X 4 = <u>20</u> | 9 | X 13 = <u>117</u> | 11 | X 3 = <u>33</u> |
| 5 | X 5 = <u>25</u> | 9 | X 4 = <u>36</u> | 11 | X 10 = <u>110</u> | 13 | X 11 = <u>143</u> |
| 13 | X 7 = <u>91</u> | 7 | X 11 = <u>77</u> | 12 | X 7 = <u>84</u> | 7 | X 7 = <u>49</u> |
| | LINE ENDS | | LINE ENDS | | LINE ENDS | | LINE ENDS |



ANSWERS PAGE 43

PATTERN #1

$$2 \times 5 = \underline{10}$$

$$12 \times 8 = \underline{96}$$

$$3 \times 7 = \underline{21}$$

$$2 \times 4 = \underline{8}$$

$$5 \times 10 = \underline{50}$$

$$11 \times 5 = \underline{55}$$

$$5 \times 8 = \underline{40}$$

$$3 \times 3 = \underline{9}$$

$$9 \times 8 = \underline{72}$$

$$3 \times 11 = \underline{33}$$

$$13 \times 11 = \underline{143}$$

$$7 \times 10 = \underline{70}$$

$$13 \times 3 = \underline{39}$$

$$12 \times 10 = \underline{120}$$

$$10 \times 13 = \underline{130}$$

LINE ENDS

PATTERN #2

$$9 \times 11 = \underline{99}$$

$$5 \times 5 = \underline{25}$$

$$7 \times 13 = \underline{91}$$

$$3 \times 2 = \underline{6}$$

$$6 \times 7 = \underline{42}$$

$$7 \times 7 = \underline{49}$$

$$8 \times 8 = \underline{64}$$

$$3 \times 9 = \underline{27}$$

$$13 \times 12 = \underline{156}$$

$$4 \times 5 = \underline{20}$$

$$8 \times 7 = \underline{56}$$

$$6 \times 13 = \underline{78}$$

$$4 \times 11 = \underline{44}$$

$$9 \times 4 = \underline{36}$$

$$7 \times 11 = \underline{77}$$

LINE ENDS

PATTERN #3

$$2 \times 11 = \underline{22}$$

$$11 \times 6 = \underline{66}$$

$$13 \times 5 = \underline{65}$$

$$7 \times 4 = \underline{28}$$

$$9 \times 9 = \underline{81}$$

$$13 \times 4 = \underline{52}$$

$$7 \times 5 = \underline{35}$$

$$11 \times 11 = \underline{121}$$

$$6 \times 5 = \underline{30}$$

$$6 \times 9 = \underline{54}$$

$$2 \times 8 = \underline{16}$$

$$9 \times 12 = \underline{108}$$

$$13 \times 13 = \underline{169}$$

$$4 \times 3 = \underline{12}$$

$$9 \times 10 = \underline{90}$$

LINE ENDS

PATTERN #4

$$12 \times 11 = \underline{132}$$

$$8 \times 3 = \underline{24}$$

$$6 \times 8 = \underline{48}$$

$$2 \times 13 = \underline{26}$$

$$12 \times 12 = \underline{144}$$

$$5 \times 1 = \underline{5}$$

$$9 \times 13 = \underline{117}$$

$$11 \times 10 = \underline{110}$$

$$10 \times 6 = \underline{60}$$

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

$$8 \times 4 = \underline{32}$$

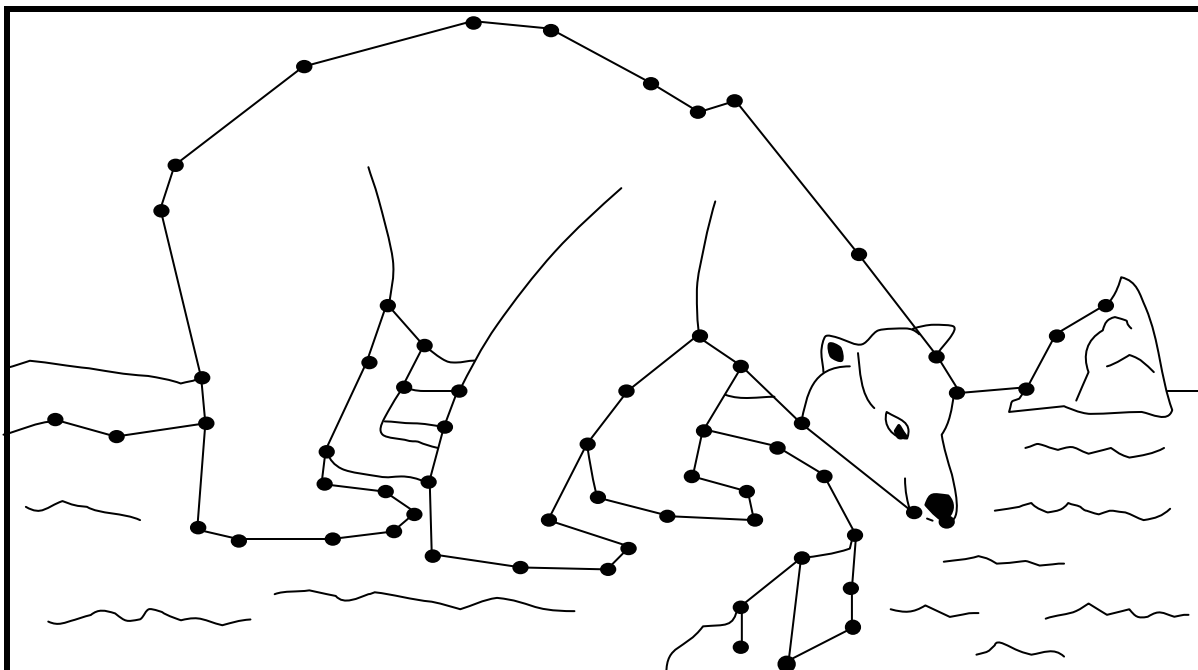
$$3 \times 1 = \underline{3}$$

$$10 \times 8 = \underline{80}$$

$$5 \times 9 = \underline{45}$$

$$12 \times 7 = \underline{84}$$

LINE ENDS



ANSWERS PAGE 47

PATTERN #1

$$6 \times 12 = \underline{72}$$

$$1 \times 3 = \underline{3}$$

$$13 \times 7 = \underline{91}$$

$$2 \times 4 = \underline{8}$$

$$13 \times 12 = \underline{156}$$

$$12 \times 9 = \underline{108}$$

$$5 \times 1 = \underline{5}$$

$$4 \times 13 = \underline{52}$$

$$12 \times 11 = \underline{132}$$

$$9 \times 11 = \underline{99}$$

$$5 \times 5 = \underline{25}$$

$$6 \times 8 = \underline{48}$$

$$9 \times 13 = \underline{117}$$

$$13 \times 11 = \underline{143}$$

$$7 \times 10 = \underline{70}$$

LINE ENDS

PATTERN #2

$$3 \times 13 = \underline{39}$$

$$13 \times 5 = \underline{65}$$

$$6 \times 7 = \underline{42}$$

$$10 \times 4 = \underline{40}$$

$$6 \times 9 = \underline{54}$$

$$13 \times 13 = \underline{169}$$

$$3 \times 3 = \underline{9}$$

$$4 \times 4 = \underline{16}$$

$$11 \times 10 = \underline{110}$$

$$12 \times 7 = \underline{84}$$

$$6 \times 11 = \underline{66}$$

$$5 \times 6 = \underline{30}$$

$$12 \times 12 = \underline{144}$$

$$9 \times 4 = \underline{36}$$

$$7 \times 11 = \underline{77}$$

LINE ENDS

PATTERN #3

$$10 \times 8 = \underline{80}$$

$$9 \times 5 = \underline{45}$$

$$12 \times 10 = \underline{120}$$

$$5 \times 2 = \underline{10}$$

$$2 \times 11 = \underline{22}$$

$$7 \times 5 = \underline{35}$$

$$2 \times 10 = \underline{20}$$

$$11 \times 11 = \underline{121}$$

$$8 \times 8 = \underline{64}$$

$$9 \times 3 = \underline{27}$$

$$8 \times 7 = \underline{56}$$

$$6 \times 13 = \underline{78}$$

$$11 \times 4 = \underline{44}$$

$$3 \times 2 = \underline{6}$$

$$11 \times 5 = \underline{55}$$

LINE ENDS

PATTERN #4

$$6 \times 2 = \underline{12}$$

$$9 \times 10 = \underline{90}$$

$$10 \times 13 = \underline{130}$$

$$8 \times 4 = \underline{32}$$

$$10 \times 6 = \underline{60}$$

$$13 \times 2 = \underline{26}$$

$$12 \times 8 = \underline{96}$$

$$3 \times 7 = \underline{21}$$

$$6 \times 4 = \underline{24}$$

$$10 \times 5 = \underline{50}$$

$$11 \times 3 = \underline{33}$$

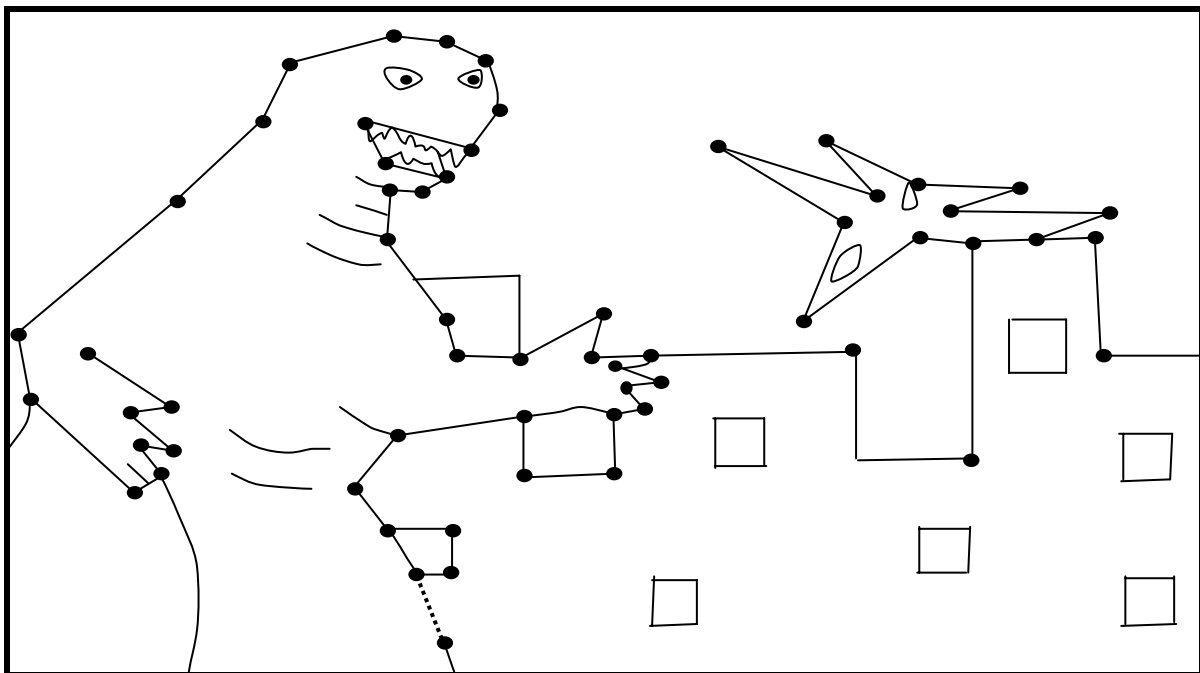
$$7 \times 4 = \underline{28}$$

$$9 \times 9 = \underline{81}$$

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

$$7 \times 7 = \underline{49}$$

LINE ENDS

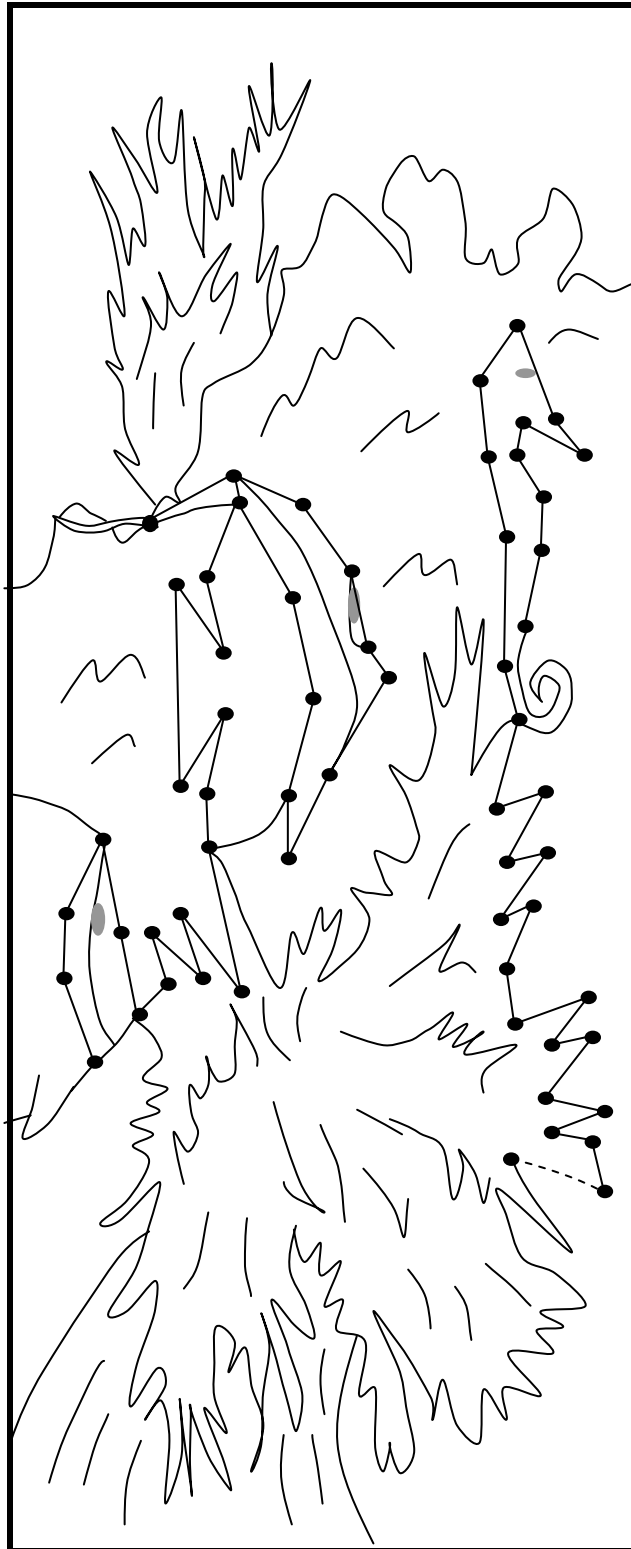


ANSWERS PAGE 51

PATTERN #1

- 3 X 2 = 6
- 8 X 6 = 48
- 9 X 13 = 117
- 10 X 11 = 110
- 8 X 9 = 72
- 10 X 3 = 30
- 6 X 9 = 54
- 1 X 3 = 3
- 6 X 11 = 66
- 7 X 7 = 49
- 2 X 4 = 8
- 11 X 3 = 33
- 13 X 11 = 143
- 7 X 4 = 28
- 9 X 9 = 81
- 13 X 4 = 52
- 3 X 7 = 21
- 10 X 8 = 80
- 12 X 9 = 108
- 5 X 1 = 5
- 13 X 2 = 26
- 10 X 13 = 130
- 12 X 12 = 144
- 9 X 4 = 36
- 7 X 11 = 77
- 11 X 4 = 44
- 3 X 8 = 24
- 10 X 5 = 50
- 6 X 7 = 42
- 12 X 11 = 132

LINE ENDS



PATTERN #2

- 7 X 8 = 56
- 4 X 4 = 16
- 10 X 6 = 60
- 5 X 2 = 10
- 12 X 8 = 96
- 6 X 13 = 78
- 5 X 4 = 20
- 11 X 11 = 121
- 8 X 8 = 64
- 9 X 3 = 27
- 13 X 12 = 156
- 12 X 7 = 84
- 9 X 11 = 99
- 5 X 5 = 25
- 13 X 7 = 91
- 8 X 4 = 32
- 3 X 13 = 39
- 13 X 5 = 65
- 7 X 10 = 70
- 5 X 9 = 45
- 11 X 2 = 22
- 7 X 5 = 35
- 12 X 10 = 120
- 11 X 5 = 55
- 4 X 3 = 12
- 9 X 10 = 90
- 5 X 8 = 40
- 3 X 3 = 9
- 13 X 13 = 169
- 2 X 2 = 4

LINE ENDS