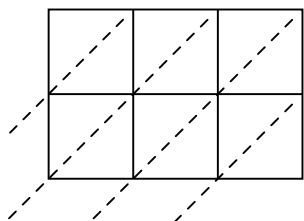


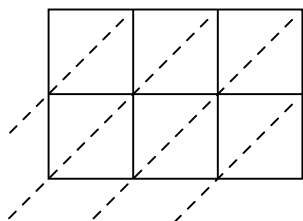


Use lattice multiplication to solve each problem.

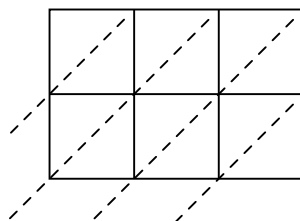
1)  $485 \times 11 =$



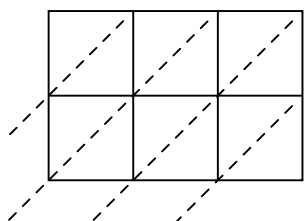
2)  $401 \times 55 =$



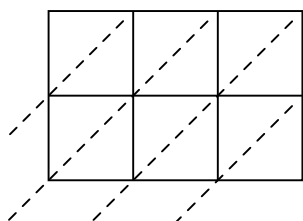
3)  $665 \times 39 =$



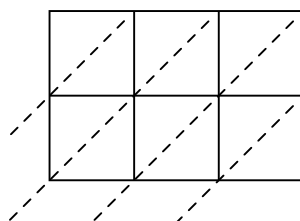
4)  $257 \times 58 =$



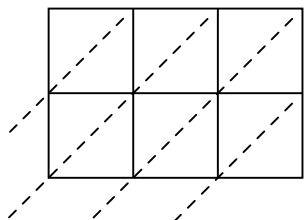
5)  $242 \times 51 =$



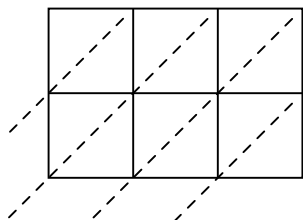
6)  $338 \times 18 =$



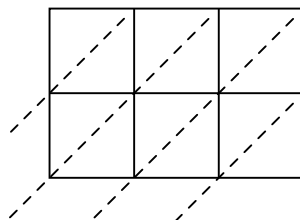
7)  $690 \times 32 =$



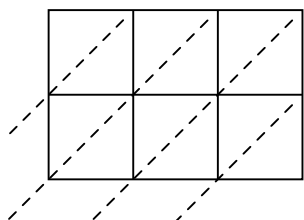
8)  $309 \times 90 =$



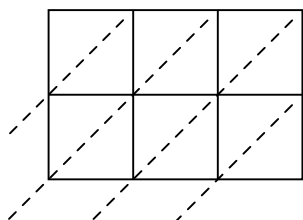
9)  $211 \times 95 =$



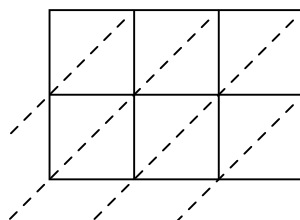
10)  $226 \times 83 =$



11)  $329 \times 59 =$



12)  $306 \times 62 =$



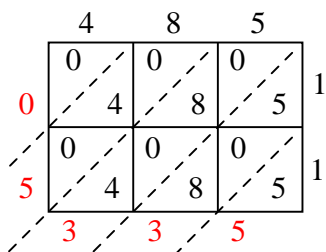
**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_

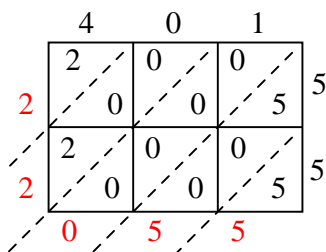


Use lattice multiplication to solve each problem.

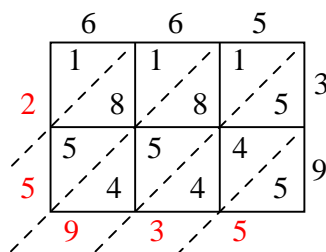
1)  $485 \times 11 =$



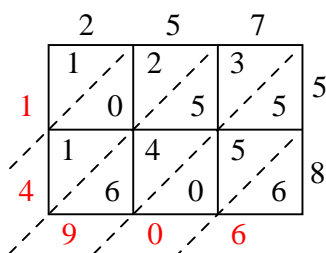
2)  $401 \times 55 =$



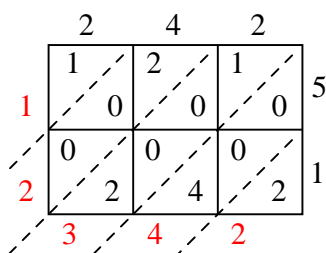
3)  $665 \times 39 =$



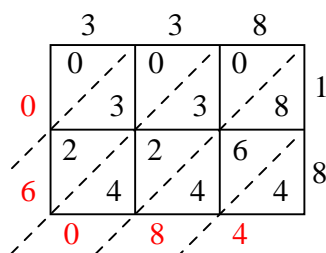
4)  $257 \times 58 =$



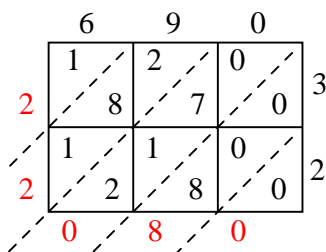
5)  $242 \times 51 =$



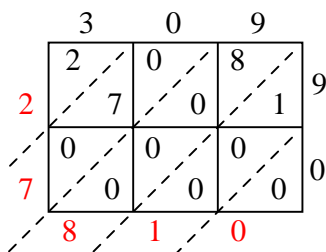
6)  $338 \times 18 =$



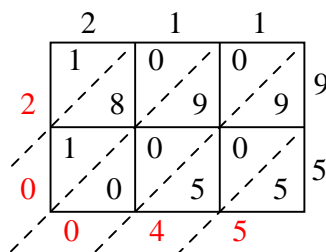
7)  $690 \times 32 =$



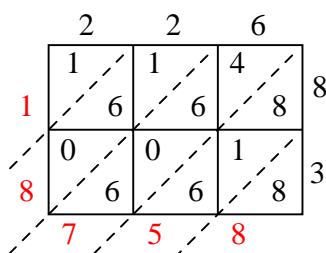
8)  $309 \times 90 =$



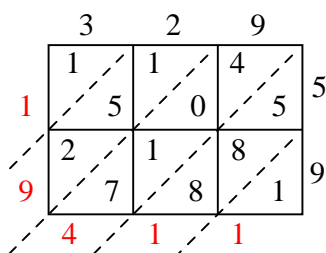
9)  $211 \times 95 =$



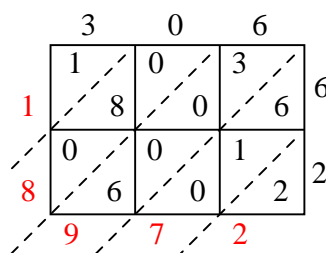
10)  $226 \times 83 =$



11)  $329 \times 59 =$



12)  $306 \times 62 =$



Answers

1. **5,335**

2. **22,055**

3. **25,935**

4. **14,906**

5. **12,342**

6. **6,084**

7. **22,080**

8. **27,810**

9. **20,045**

10. **18,758**

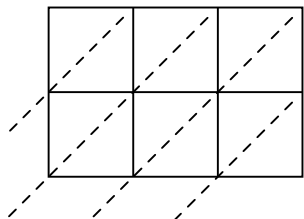
11. **19,411**

12. **18,972**

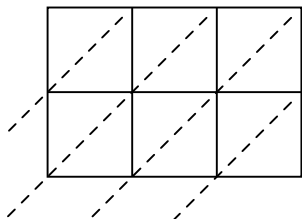


Use lattice multiplication to solve each problem.

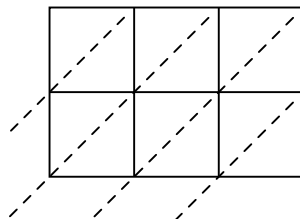
1)  $189 \times 31 =$



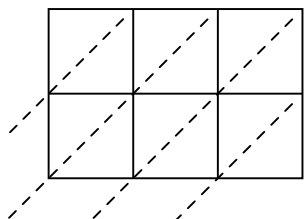
2)  $633 \times 58 =$



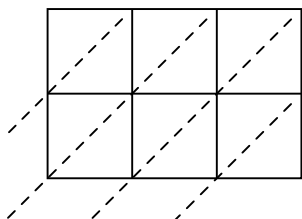
3)  $856 \times 16 =$



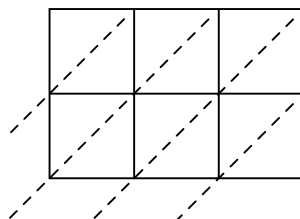
4)  $254 \times 35 =$



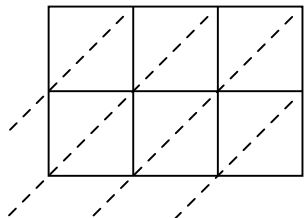
5)  $186 \times 28 =$



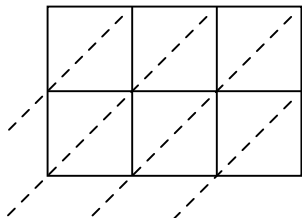
6)  $390 \times 84 =$



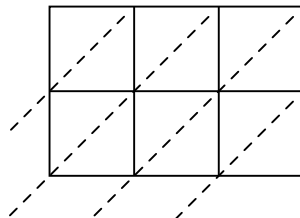
7)  $325 \times 37 =$



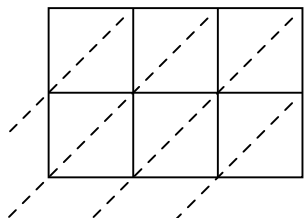
8)  $493 \times 91 =$



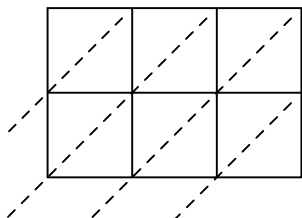
9)  $348 \times 20 =$



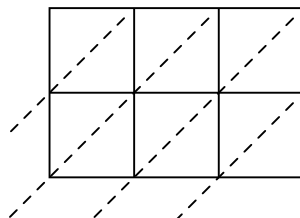
10)  $894 \times 10 =$



11)  $961 \times 10 =$



12)  $317 \times 15 =$



**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

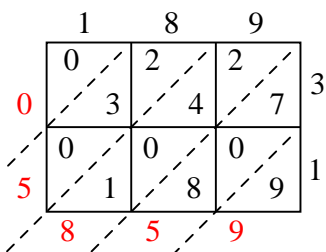
11. \_\_\_\_\_

12. \_\_\_\_\_

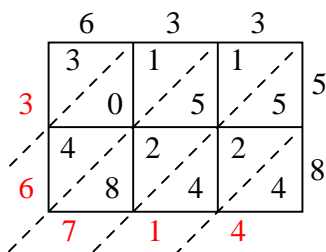


Use lattice multiplication to solve each problem.

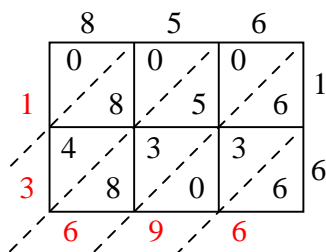
1)  $189 \times 31 =$



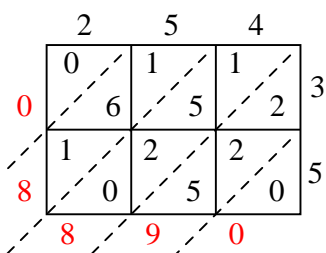
2)  $633 \times 58 =$



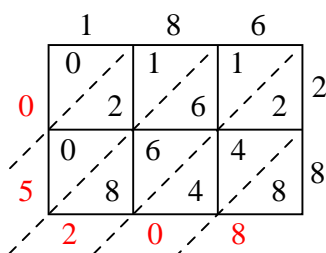
3)  $856 \times 16 =$



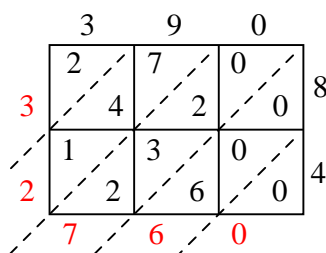
4)  $254 \times 35 =$



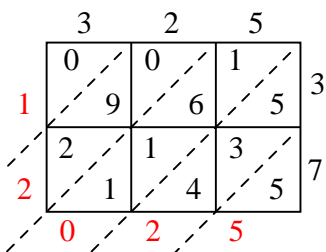
5)  $186 \times 28 =$



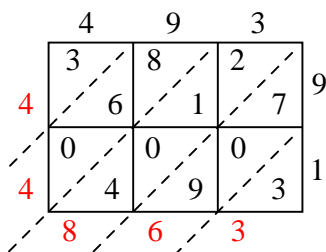
6)  $390 \times 84 =$



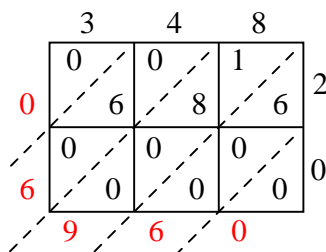
7)  $325 \times 37 =$



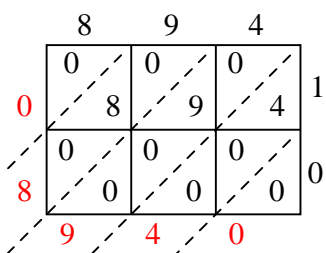
8)  $493 \times 91 =$



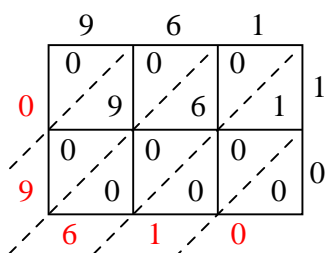
9)  $348 \times 20 =$



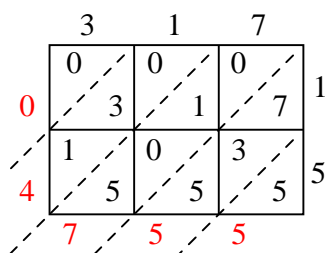
10)  $894 \times 10 =$



11)  $961 \times 10 =$



12)  $317 \times 15 =$



Answers

1. **5,859**

2. **36,714**

3. **13,696**

4. **8,890**

5. **5,208**

6. **32,760**

7. **12,025**

8. **44,863**

9. **6,960**

10. **8,940**

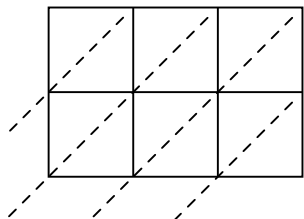
11. **9,610**

12. **4,755**

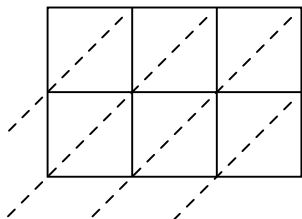


Use lattice multiplication to solve each problem.

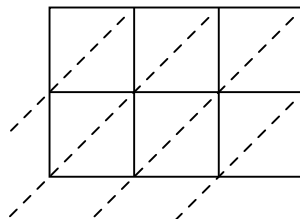
1)  $617 \times 36 =$



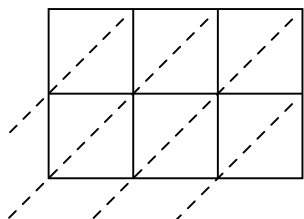
2)  $902 \times 60 =$



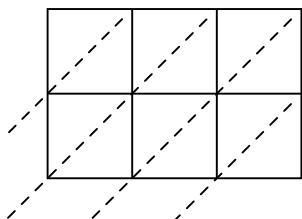
3)  $936 \times 11 =$



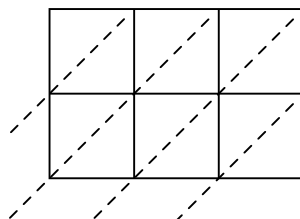
4)  $506 \times 97 =$



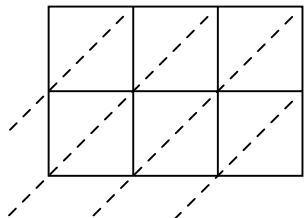
5)  $375 \times 92 =$



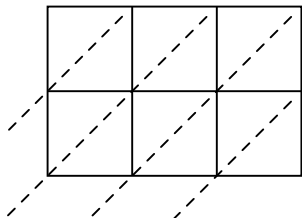
6)  $944 \times 94 =$



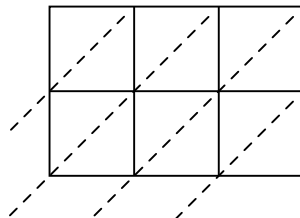
7)  $773 \times 32 =$



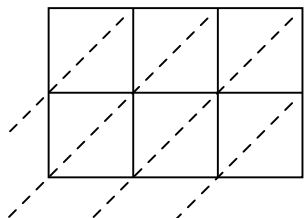
8)  $444 \times 54 =$



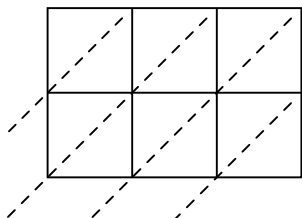
9)  $950 \times 35 =$



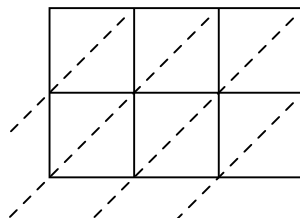
10)  $608 \times 49 =$



11)  $289 \times 74 =$



12)  $530 \times 32 =$



**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

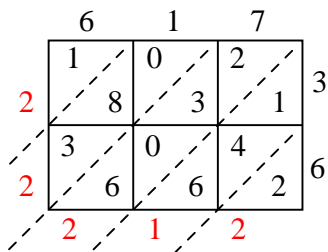
11. \_\_\_\_\_

12. \_\_\_\_\_

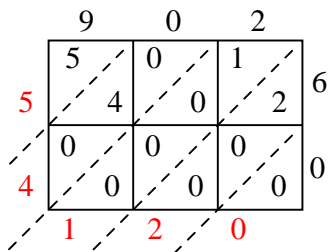


Use lattice multiplication to solve each problem.

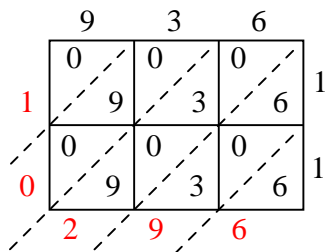
1)  $617 \times 36 =$



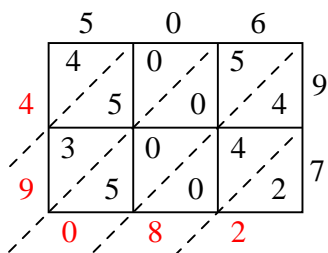
2)  $902 \times 60 =$



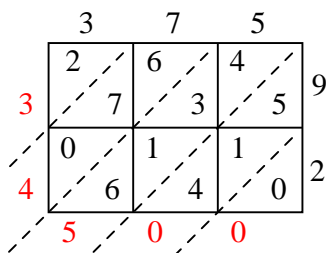
3)  $936 \times 11 =$



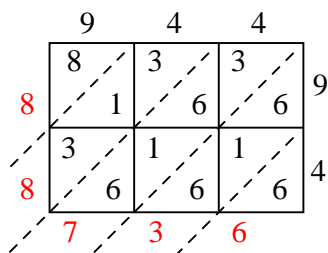
4)  $506 \times 97 =$



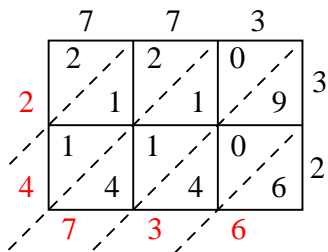
5)  $375 \times 92 =$



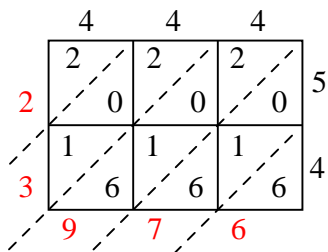
6)  $944 \times 94 =$



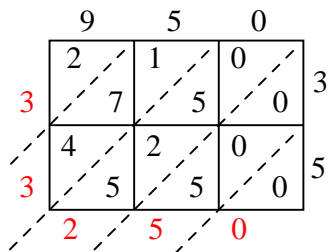
7)  $773 \times 32 =$



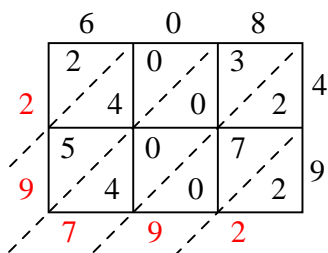
8)  $444 \times 54 =$



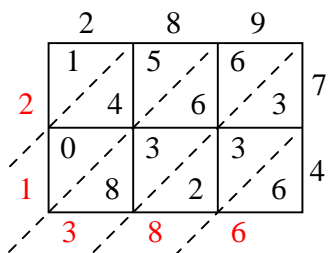
9)  $950 \times 35 =$



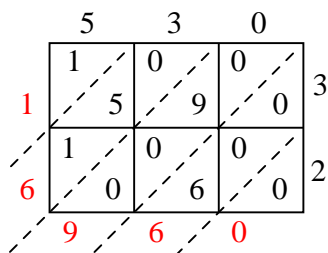
10)  $608 \times 49 =$



11)  $289 \times 74 =$



12)  $530 \times 32 =$



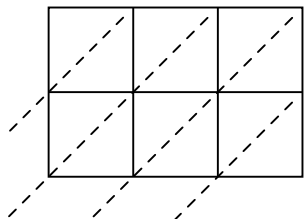
Answers

1. 22,212
2. 54,120
3. 10,296
4. 49,082
5. 34,500
6. 88,736
7. 24,736
8. 23,976
9. 33,250
10. 29,792
11. 21,386
12. 16,960

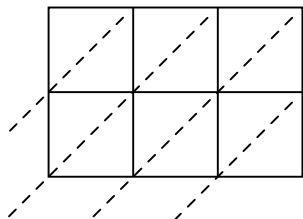


Use lattice multiplication to solve each problem.

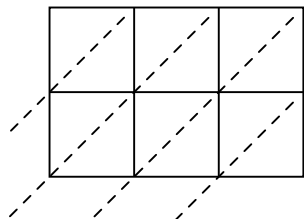
1)  $341 \times 47 =$



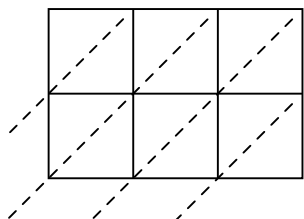
2)  $768 \times 31 =$



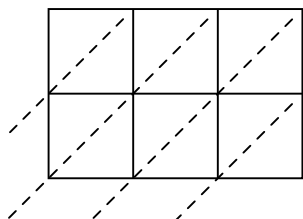
3)  $166 \times 52 =$



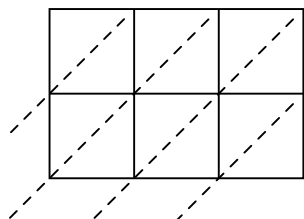
4)  $126 \times 82 =$



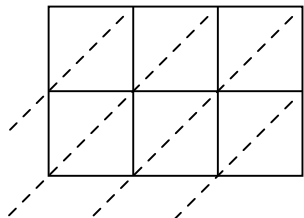
5)  $130 \times 86 =$



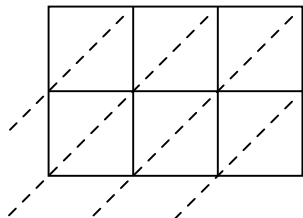
6)  $692 \times 58 =$



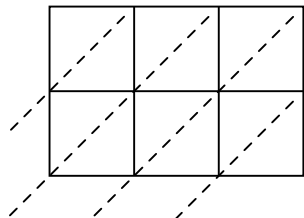
7)  $268 \times 37 =$



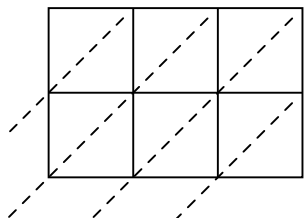
8)  $535 \times 68 =$



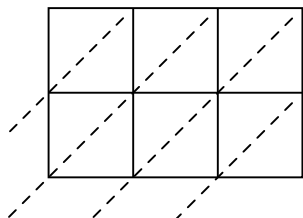
9)  $631 \times 39 =$



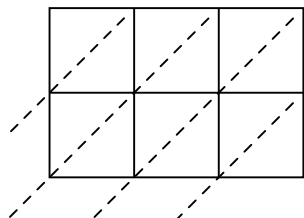
10)  $404 \times 13 =$



11)  $173 \times 57 =$



12)  $394 \times 75 =$



**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

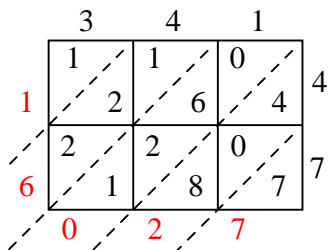
11. \_\_\_\_\_

12. \_\_\_\_\_

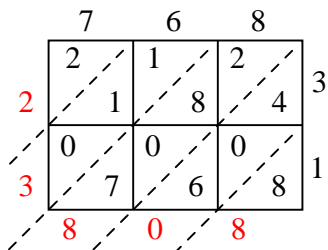


Use lattice multiplication to solve each problem.

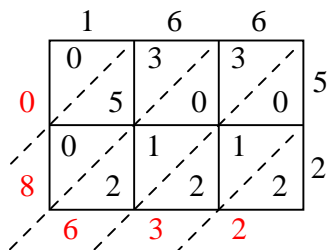
1)  $341 \times 47 =$



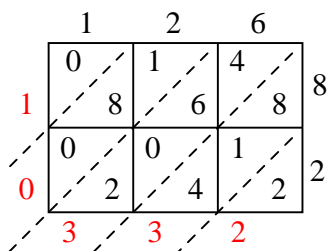
2)  $768 \times 31 =$



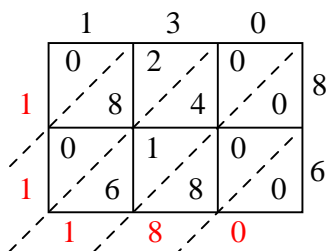
3)  $166 \times 52 =$



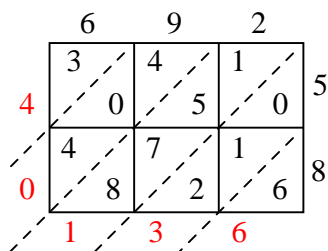
4)  $126 \times 82 =$



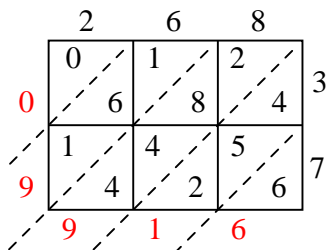
5)  $130 \times 86 =$



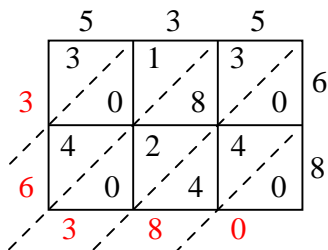
6)  $692 \times 58 =$



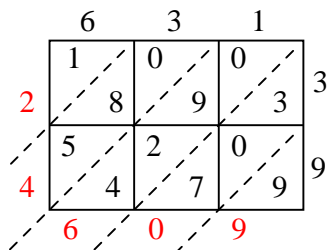
7)  $268 \times 37 =$



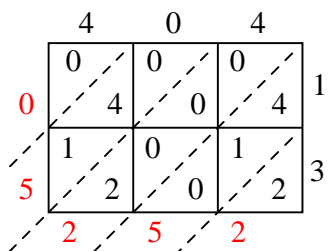
8)  $535 \times 68 =$



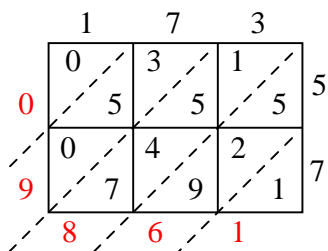
9)  $631 \times 39 =$



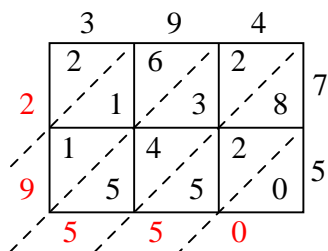
10)  $404 \times 13 =$



11)  $173 \times 57 =$



12)  $394 \times 75 =$



Answers

1. 16,027
2. 23,808
3. 8,632
4. 10,332
5. 11,180
6. 40,136
7. 9,916
8. 36,380
9. 24,609
10. 5,252
11. 9,861
12. 29,550





Use lattice multiplication to solve each problem.

1)  $927 \times 78 =$



2)  $669 \times 51 =$



3)  $864 \times 95 =$



4)  $709 \times 28 =$



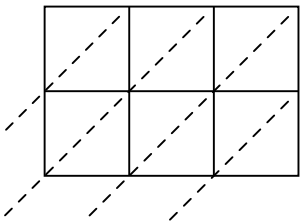
5)  $776 \times 14 =$



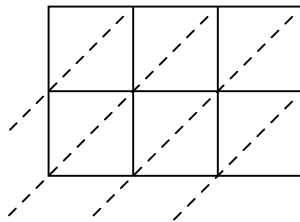
6)  $743 \times 46 =$



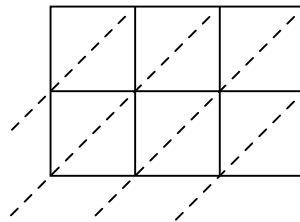
7)  $139 \times 10 =$



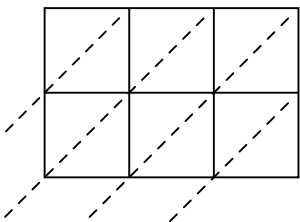
8)  $139 \times 15 =$



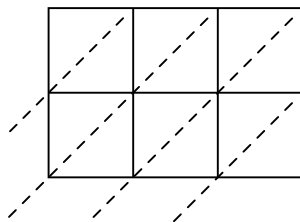
9)  $652 \times 85 =$



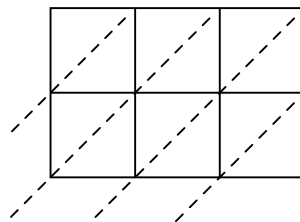
10)  $692 \times 17 =$



11)  $362 \times 41 =$



12)  $355 \times 63 =$



**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

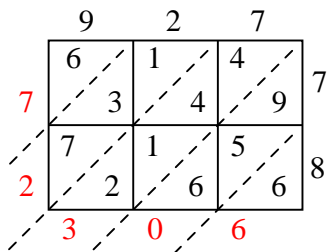
11. \_\_\_\_\_

12. \_\_\_\_\_

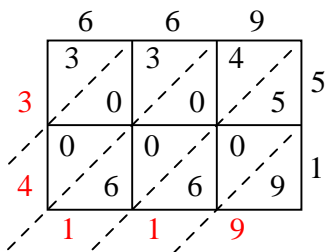


Use lattice multiplication to solve each problem.

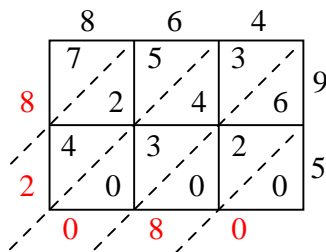
1)  $927 \times 78 =$



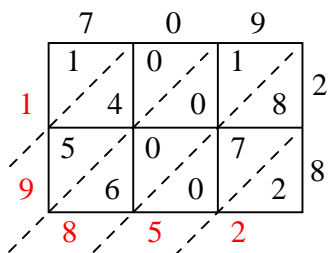
2)  $669 \times 51 =$



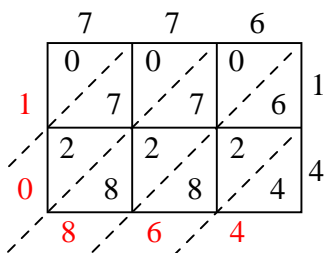
3)  $864 \times 95 =$



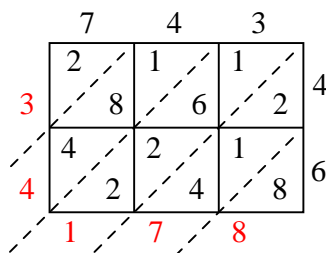
4)  $709 \times 28 =$



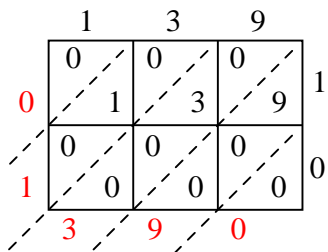
5)  $776 \times 14 =$



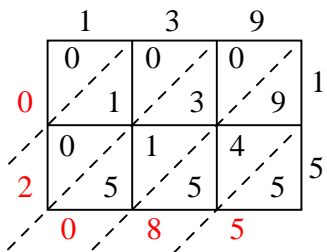
6)  $743 \times 46 =$



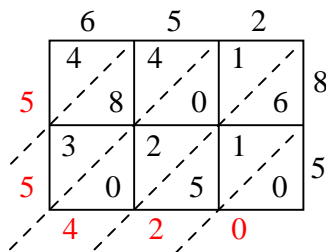
7)  $139 \times 10 =$



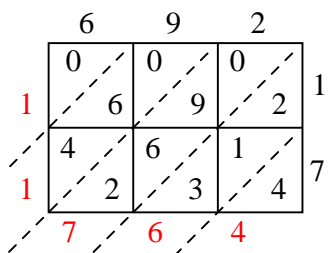
8)  $139 \times 15 =$



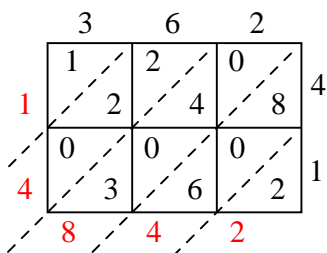
9)  $652 \times 85 =$



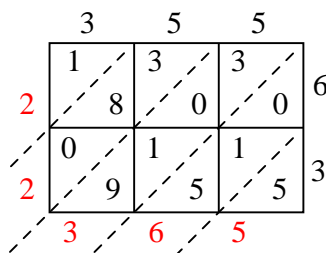
10)  $692 \times 17 =$



11)  $362 \times 41 =$



12)  $355 \times 63 =$



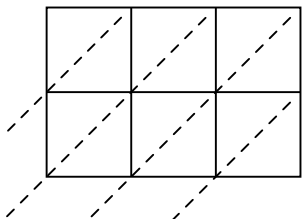
Answers

1. 72,306
2. 34,119
3. 82,080
4. 19,852
5. 10,864
6. 34,178
7. 1,390
8. 2,085
9. 55,420
10. 11,764
11. 14,842
12. 22,365

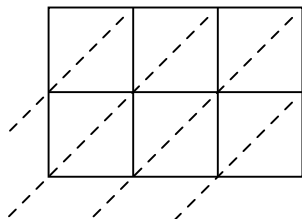


Use lattice multiplication to solve each problem.

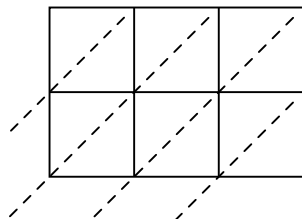
1)  $636 \times 32 =$



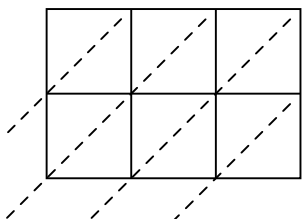
2)  $339 \times 54 =$



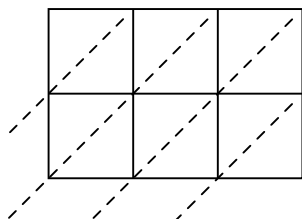
3)  $637 \times 28 =$



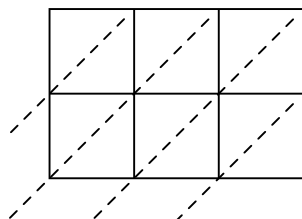
4)  $525 \times 91 =$



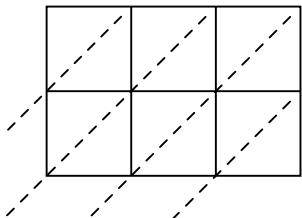
5)  $768 \times 79 =$



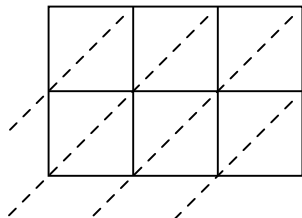
6)  $686 \times 73 =$



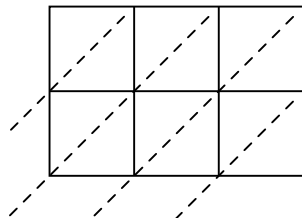
7)  $675 \times 69 =$



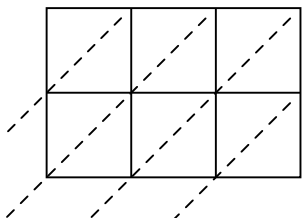
8)  $714 \times 45 =$



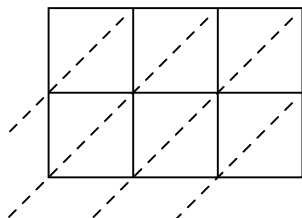
9)  $389 \times 41 =$



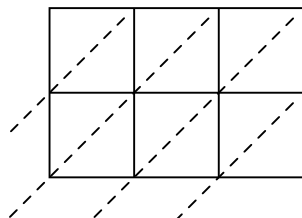
10)  $135 \times 24 =$



11)  $363 \times 59 =$



12)  $417 \times 39 =$



**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

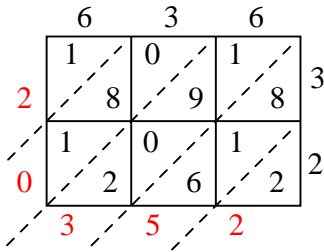
11. \_\_\_\_\_

12. \_\_\_\_\_

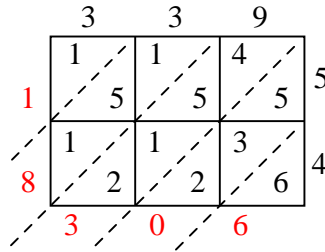


Use lattice multiplication to solve each problem.

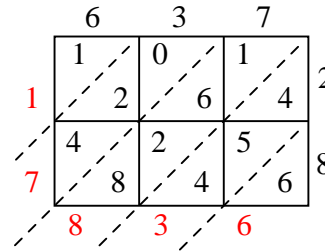
1)  $636 \times 32 =$



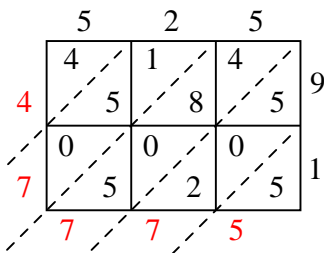
2)  $339 \times 54 =$



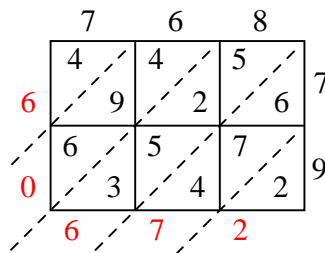
3)  $637 \times 28 =$



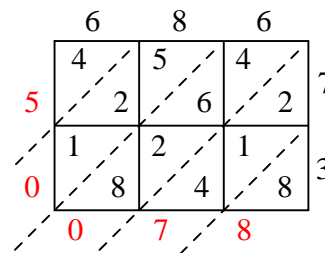
4)  $525 \times 91 =$



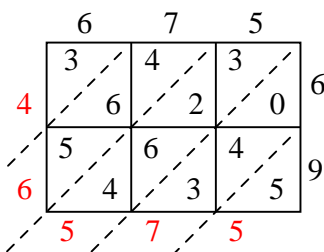
5)  $768 \times 79 =$



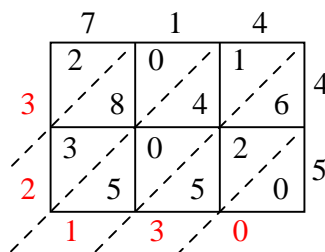
6)  $686 \times 73 =$



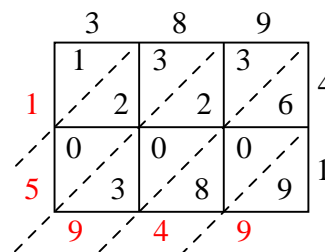
7)  $675 \times 69 =$



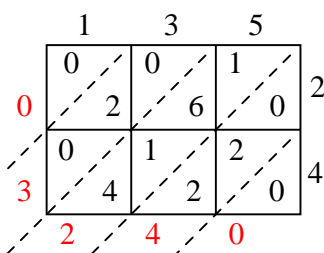
8)  $714 \times 45 =$



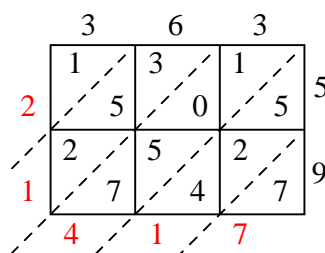
9)  $389 \times 41 =$



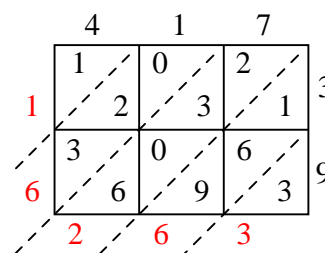
10)  $135 \times 24 =$



11)  $363 \times 59 =$



12)  $417 \times 39 =$



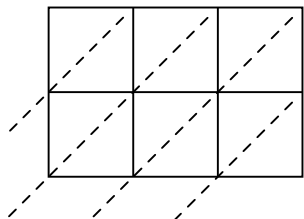
Answers

1. 20,352
2. 18,306
3. 17,836
4. 47,775
5. 60,672
6. 50,078
7. 46,575
8. 32,130
9. 15,949
10. 3,240
11. 21,417
12. 16,263

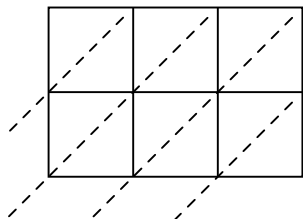


Use lattice multiplication to solve each problem.

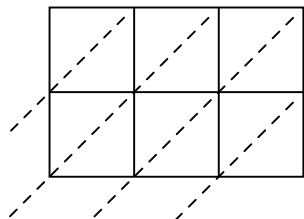
1)  $718 \times 14 =$



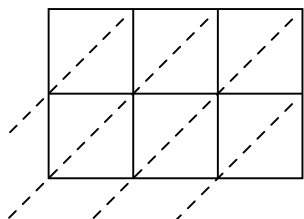
2)  $428 \times 34 =$



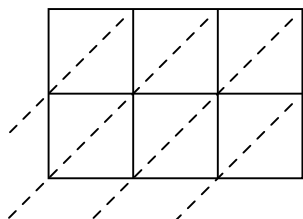
3)  $823 \times 37 =$



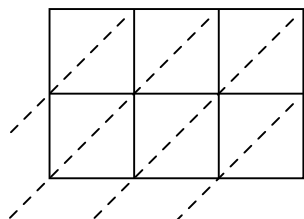
4)  $171 \times 34 =$



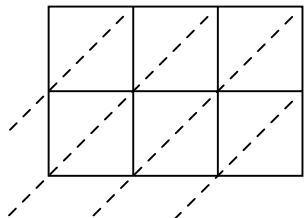
5)  $745 \times 82 =$



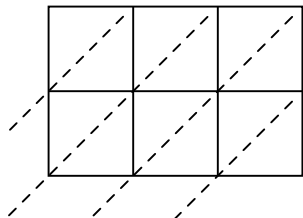
6)  $314 \times 99 =$



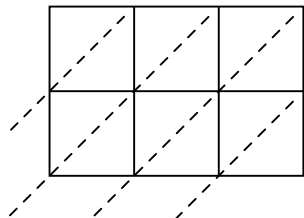
7)  $920 \times 70 =$



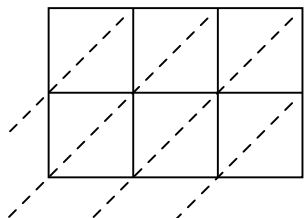
8)  $664 \times 98 =$



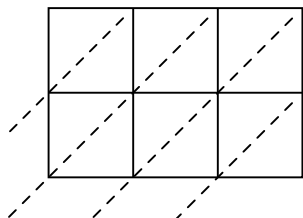
9)  $281 \times 53 =$



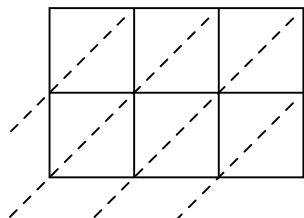
10)  $530 \times 53 =$



11)  $104 \times 75 =$



12)  $375 \times 51 =$



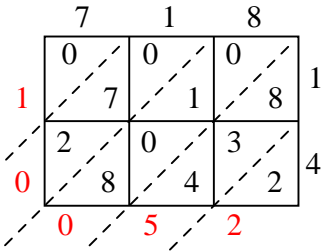
**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_

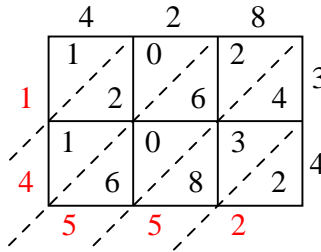


Use lattice multiplication to solve each problem.

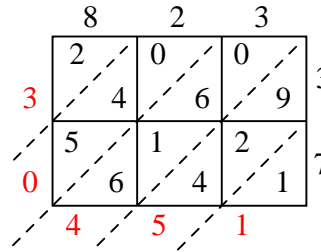
1)  $718 \times 14 =$



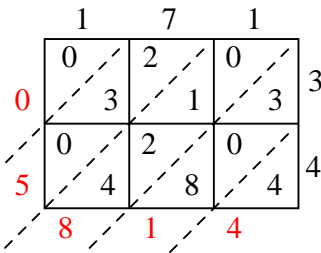
2)  $428 \times 34 =$



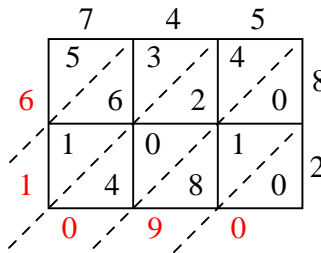
3)  $823 \times 37 =$



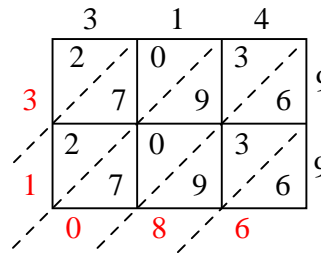
4)  $171 \times 34 =$



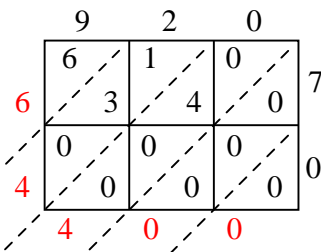
5)  $745 \times 82 =$



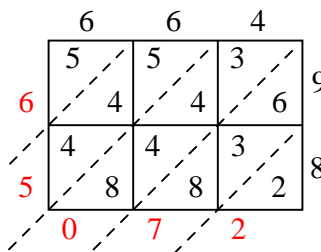
6)  $314 \times 99 =$



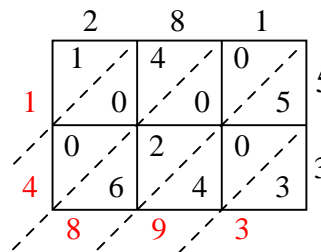
7)  $920 \times 70 =$



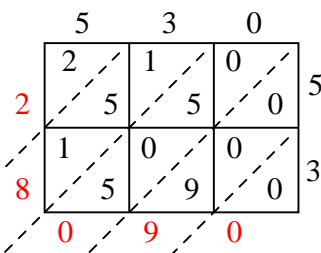
8)  $664 \times 98 =$



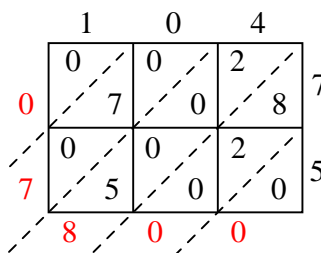
9)  $281 \times 53 =$



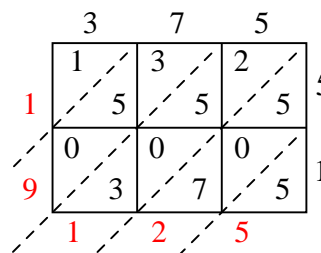
10)  $530 \times 53 =$



11)  $104 \times 75 =$



12)  $375 \times 51 =$



Answers

1. **10,052**

2. **14,552**

3. **30,451**

4. **5,814**

5. **61,090**

6. **31,086**

7. **64,400**

8. **65,072**

9. **14,893**

10. **28,090**

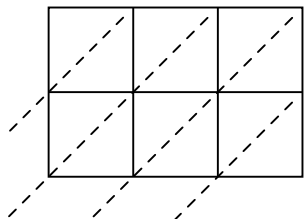
11. **7,800**

12. **19,125**

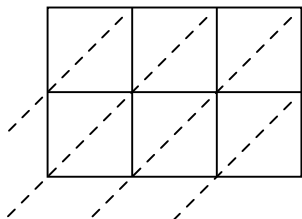


Use lattice multiplication to solve each problem.

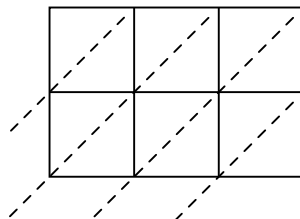
1)  $591 \times 54 =$



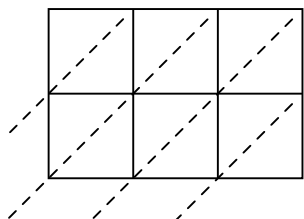
2)  $722 \times 75 =$



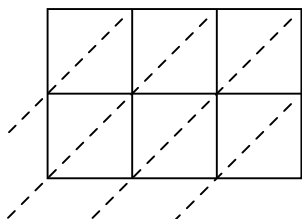
3)  $524 \times 33 =$



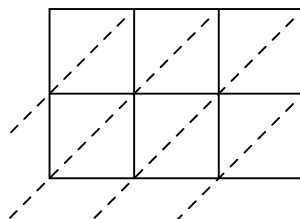
4)  $698 \times 33 =$



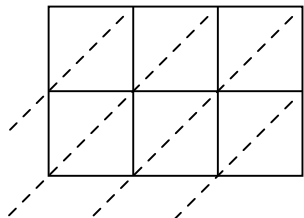
5)  $447 \times 39 =$



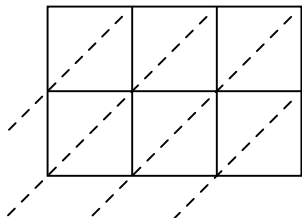
6)  $111 \times 53 =$



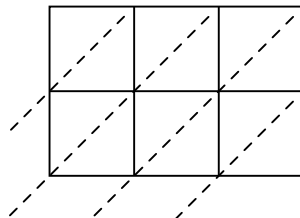
7)  $696 \times 63 =$



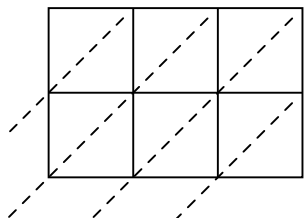
8)  $568 \times 79 =$



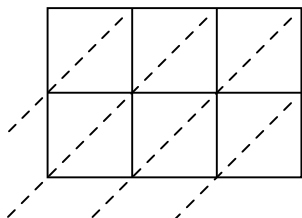
9)  $907 \times 26 =$



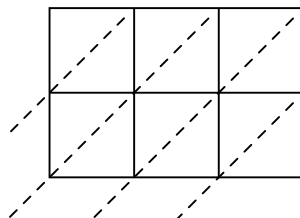
10)  $399 \times 30 =$



11)  $798 \times 26 =$



12)  $712 \times 46 =$



**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

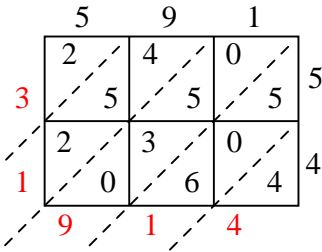
11. \_\_\_\_\_

12. \_\_\_\_\_

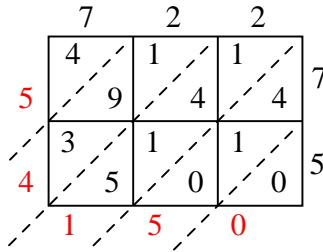


Use lattice multiplication to solve each problem.

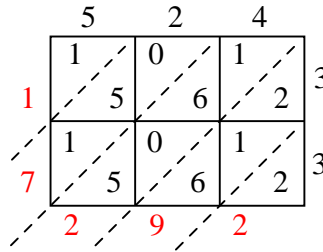
1)  $591 \times 54 =$



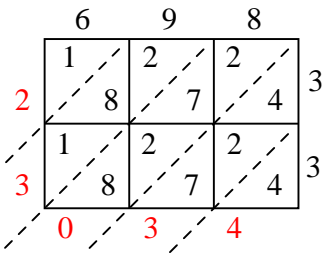
2)  $722 \times 75 =$



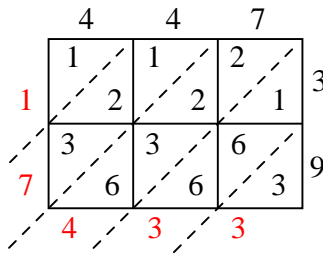
3)  $524 \times 33 =$



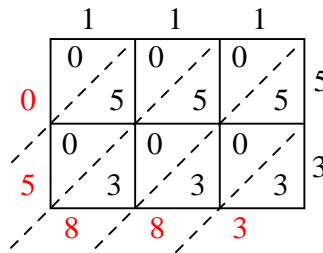
4)  $698 \times 33 =$



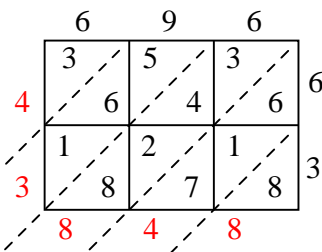
5)  $447 \times 39 =$



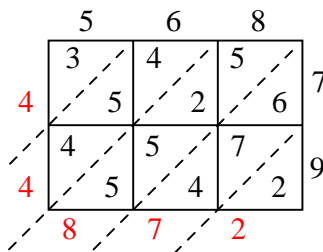
6)  $111 \times 53 =$



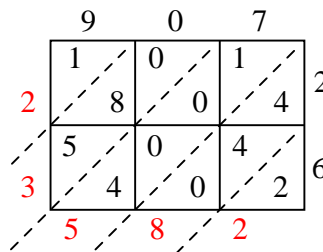
7)  $696 \times 63 =$



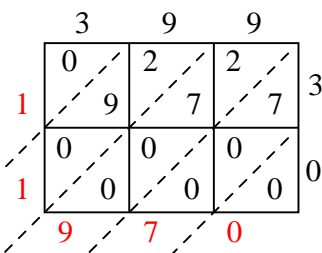
8)  $568 \times 79 =$



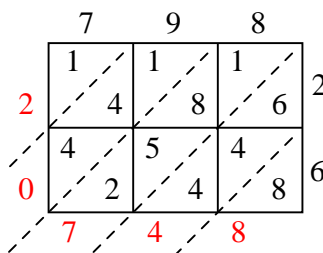
9)  $907 \times 26 =$



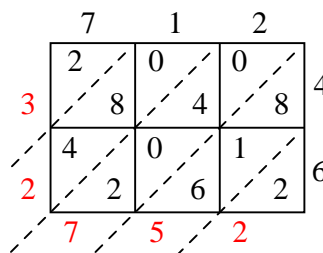
10)  $399 \times 30 =$



11)  $798 \times 26 =$



12)  $712 \times 46 =$



Answers

1. 31,914

2. 54,150

3. 17,292

4. 23,034

5. 17,433

6. 5,883

7. 43,848

8. 44,872

9. 23,582

10. 11,970

11. 20,748

12. 32,752





Use lattice multiplication to solve each problem.

1)  $133 \times 55 =$



2)  $680 \times 53 =$



3)  $362 \times 51 =$



4)  $703 \times 44 =$



5)  $560 \times 57 =$



6)  $637 \times 90 =$



7)  $711 \times 62 =$



8)  $361 \times 36 =$



9)  $743 \times 53 =$



10)  $344 \times 41 =$



11)  $279 \times 94 =$



12)  $862 \times 89 =$



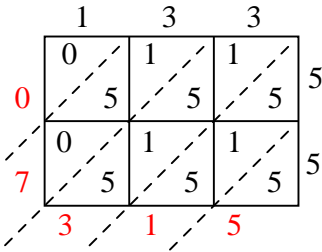
**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_

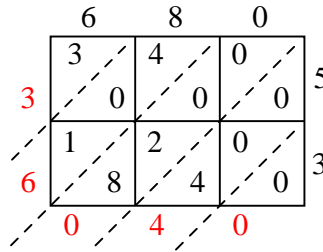


Use lattice multiplication to solve each problem.

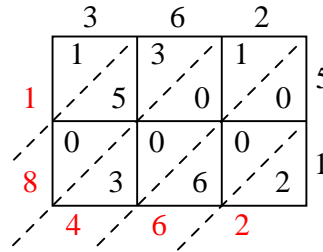
1)  $133 \times 55 =$



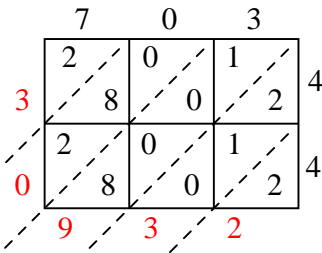
2)  $680 \times 53 =$



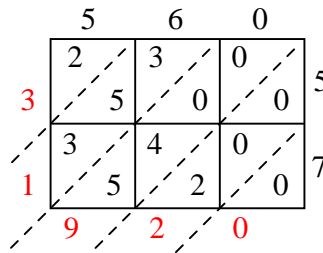
3)  $362 \times 51 =$



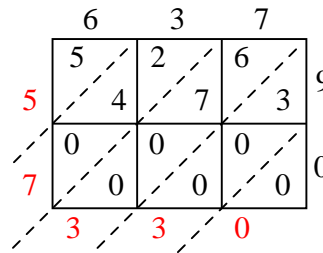
4)  $703 \times 44 =$



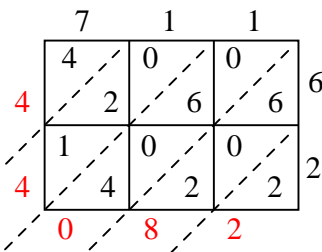
5)  $560 \times 57 =$



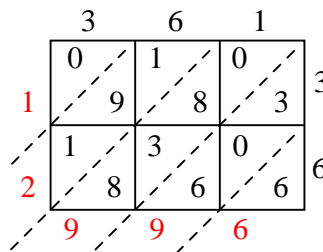
6)  $637 \times 90 =$



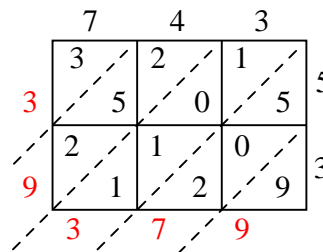
7)  $711 \times 62 =$



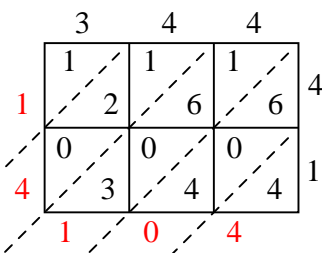
8)  $361 \times 36 =$



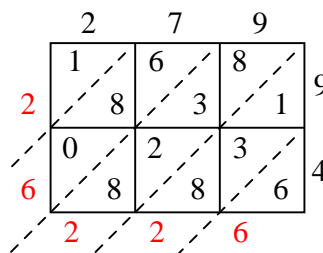
9)  $743 \times 53 =$



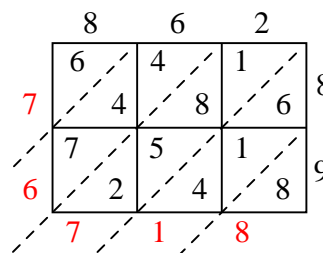
10)  $344 \times 41 =$



11)  $279 \times 94 =$



12)  $862 \times 89 =$



Answers

1. **7,315**

2. **36,040**

3. **18,462**

4. **30,932**

5. **31,920**

6. **57,330**

7. **44,082**

8. **12,996**

9. **39,379**

10. **14,104**

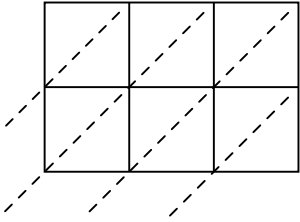
11. **26,226**

12. **76,718**

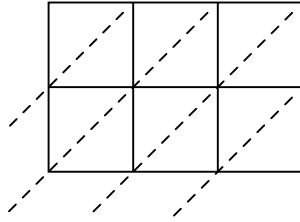


Use lattice multiplication to solve each problem.

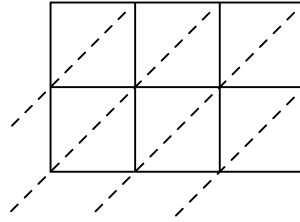
1)  $828 \times 35 =$



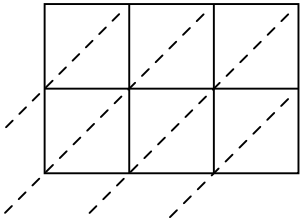
2)  $953 \times 85 =$



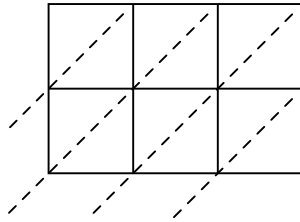
3)  $706 \times 55 =$



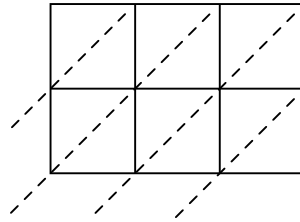
4)  $862 \times 57 =$



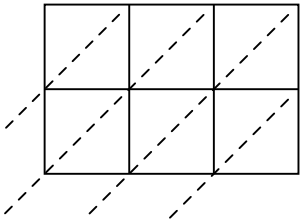
5)  $350 \times 99 =$



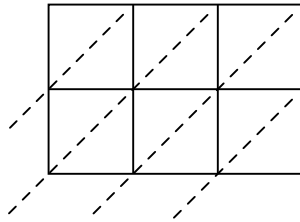
6)  $488 \times 19 =$



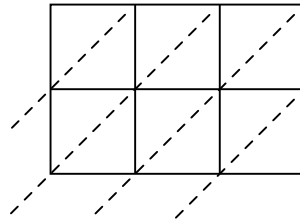
7)  $543 \times 53 =$



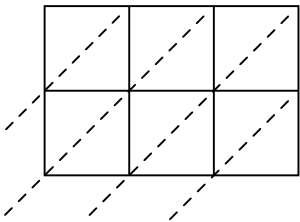
8)  $387 \times 83 =$



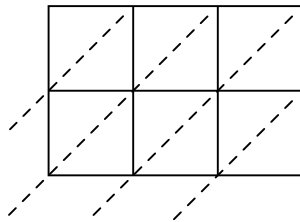
9)  $702 \times 60 =$



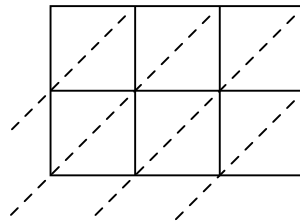
10)  $244 \times 16 =$



11)  $848 \times 21 =$



12)  $673 \times 70 =$



**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

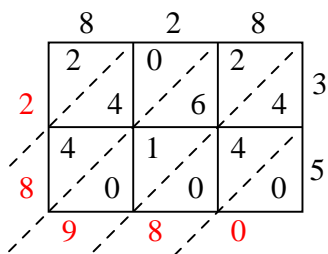
11. \_\_\_\_\_

12. \_\_\_\_\_

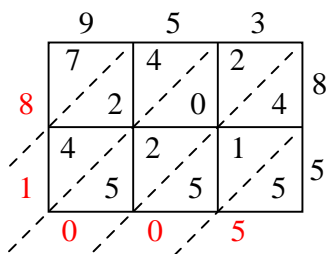


Use lattice multiplication to solve each problem.

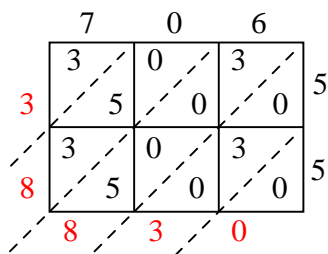
1)  $828 \times 35 =$



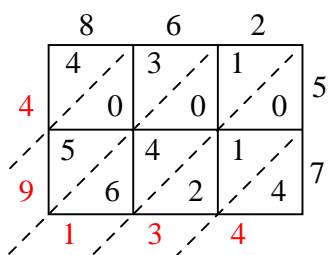
2)  $953 \times 85 =$



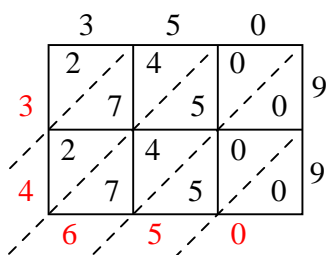
3)  $706 \times 55 =$



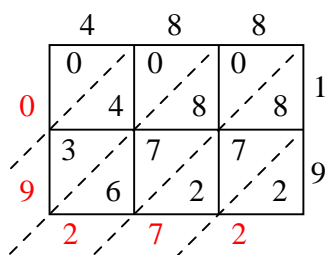
4)  $862 \times 57 =$



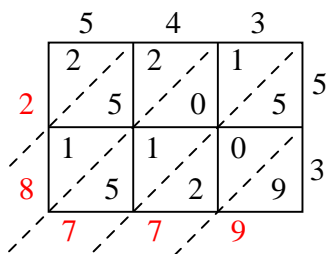
5)  $350 \times 99 =$



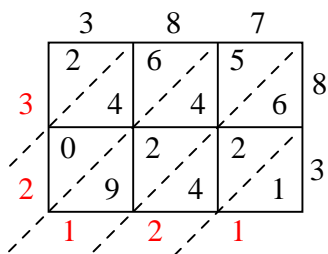
6)  $488 \times 19 =$



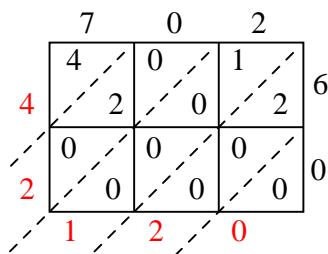
7)  $543 \times 53 =$



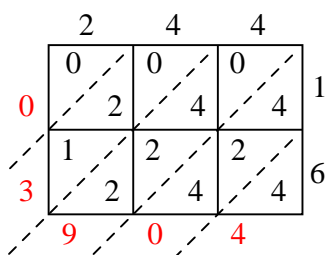
8)  $387 \times 83 =$



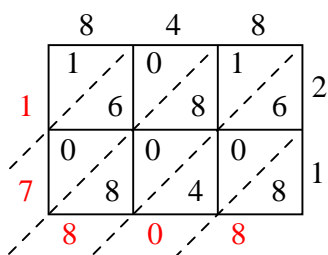
9)  $702 \times 60 =$



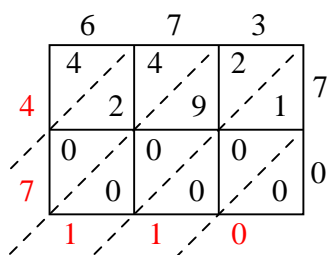
10)  $244 \times 16 =$



11)  $848 \times 21 =$



12)  $673 \times 70 =$



Answers

1. **28,980**
2. **81,005**
3. **38,830**
4. **49,134**
5. **34,650**
6. **9,272**
7. **28,779**
8. **32,121**
9. **42,120**
10. **3,904**
11. **17,808**
12. **47,110**