Solve each problem.

1) A race was 979 meters. If 31 people ran in the marathon how many meters would they have run total?

2) A candy store had 300 empty shelves. If each shelf can hold 21 pieces of candy, how many pieces would they need total to fill up all the shelves?

3) The ice machine in the lobby of a hotel makes 727 pieces of ice a day. How much ice would it have made if it ran for 40 days?

4) Maria was building a LEGO tower. She built it with 163 stories and with 71 blocks on each story. How many LEGO blocks would she have used?

5) A construction crew uses 530 pounds of concrete for each section of a parking garage. If the garage is going to have 14 sections, how many pounds of concrete will they need?

6) A vat of orange juice contains the juice from 349 oranges. If a company has 27 vats, how many oranges would they use to fill them all?

7) A pizza chain uses 810 grams of cheese on their pizzas. If they sold 50 pizzas, how many grams would they have used?

8) A school bought 153 boxes of computer paper for the computer lab. Each box had 55 sheets of paper inside it. How much paper did they buy total?

9) Each day the gumball machine in the mall sells 637 gum balls. How many gum balls would they have sold after 22 days?

10) A video game company can fit 222 boxes of games into a truck. If they have 96 full trucks, how many games do they have total?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Solve each problem.

1) A race was 979 meters. If 31 people ran in the marathon how many meters would they have run total?

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Answers

1. **30,349**
2. **6,300**
3. **29,080**
4. **11,573**
5. **7,420**
6. **9,423**
7. **40,500**
8. **8,415**
9. **14,014**
10. **21,312**

1-10	90	80	70	60	50	40	30	20	10	0

Multiplication (Vertical) Name:

Solve each problem.

1) 2,338 × 28

2) 6,075 × 98

3) 7,694 × 87

4) 9,540 × 22

5) 1,960 × 10

6) 4,910 × 20

7) 2,982 × 94

8) 3,768 × 69

9) 4,113 × 81

10) 2,766 × 14

11) 8,990 × 63

12) 8,066 × 89

13) 3,041 × 16

14) 2,686 × 22

15) 1,014 × 23

16) 6,325 × 39

17) 8,997 × 88

18) 6,077 × 21

19) 7,341 × 81

20) 8,005 × 76

Answers

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

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

Solve each problem.

1) 2,338 × 28
18,704
+ 46,760
65,464

2) 6,075 × 98
48,600
+ 546,750
595,350

3) 7,694 × 87
53,858
+ 615,520
669,378

4) 9,540 × 22
19,080
+ 190,800
209,880

5) 1,960 × 10
19,600

6) 4,910 × 20
0
+ 98,200
98,200

7) 2,982 × 94
11,928
+ 268,380
280,308

8) 3,768 × 69
33,912
+ 226,080
259,992

9) 4,113 × 81
4,113
+ 329,040
333,153

10) 2,766 × 14
11,064
+ 27,660
38,724

11) 8,990 × 63
26,970
+ 539,400
566,370

12) 8,066 × 89
72,594
+ 645,280
717,874

13) 3,041 × 16
18,246
+ 30,410
48,656

14) 2,686 × 22
5,372
+ 53,720
59,092

15) 1,014 × 23
3,042
+ 20,280
23,322

16) 6,325 × 39
56,925
+ 189,750
246,675

17) 8,997 × 88
71,976
+ 719,760
791,736

18) 6,077 × 21
6,077
+ 121,540
127,617

19) 7,341 × 81
7,341
+ 587,280
594,621

20) 8,005 × 76
48,030
+ 560,350
608,380

Answers

1. 65,464
2. 595,350
3. 669,378
4. 209,880
5. 19,600
6. 98,200
7. 280,308
8. 259,992
9. 333,153
10. 38,724
11. 566,370
12. 717,874
13. 48,656
14. 59,092
15. 23,322
16. 246,675
17. 791,736
18. 127,617
19. 594,621
20. 608,380

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

Multiplication (Vertical) Name:

Solve each problem.

1) 1,143 × 87

2) 8,278 × 53

3) 8,820 × 29

4) 4,459 × 98

5) 6,119 × 95

6) 7,406 × 65

7) 8,059 × 16

8) 2,857 × 17

9) 9,428 × 16

10) 1,787 × 72

11) 3,479 × 71

12) 1,660 × 34

13) 8,586 × 58

14) 6,985 × 21

15) 7,393 × 21

16) 5,329 × 34

17) 1,841 × 11

18) 8,509 × 77

19) 5,959 × 43

20) 9,065 × 20

Answers

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

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

Solve each problem.

1) 1,143 × 87
8,001
+ 91,440
99,441

2) 8,278 × 53
24,834
+ 413,900
438,734

3) 8,820 × 29
79,380
+ 176,400
255,780

4) 4,459 × 98
35,672
+ 401,310
436,982

5) 6,119 × 95
30,595
+ 550,710
581,305

6) 7,406 × 65
37,030
+ 444,360
481,390

7) 8,059 × 16
48,354
+ 80,590
128,944

8) 2,857 × 17
19,999
+ 28,570
48,569

9) 9,428 × 16
56,568
+ 94,280
150,848

10) 1,787 × 72
3,574
+ 125,090
128,664

11) 3,479 × 71
3,479
+ 243,530
247,009

12) 1,660 × 34
6,640
+ 49,800
56,440

13) 8,586 × 58
68,688
+ 429,300
497,988

14) 6,985 × 21
6,985
+ 139,700
146,685

15) 7,393 × 21
7,393
+ 147,860
155,253

16) 5,329 × 34
21,316
+ 159,870
181,186

17) 1,841 × 11
1,841
+ 18,410
20,251

18) 8,509 × 77
59,563
+ 595,630
655,193

19) 5,959 × 43
17,877
+ 238,360
256,237

20) 9,065 × 20
0
+ 181,300
181,300

Answers

1. **99,441**
2. **438,734**
3. **255,780**
4. **436,982**
5. **581,305**
6. **481,390**
7. **128,944**
8. **48,569**
9. **150,848**
10. **128,664**
11. **247,009**
12. **56,440**
13. **497,988**
14. **146,685**
15. **155,253**
16. **181,186**
17. **20,251**
18. **655,193**
19. **256,237**
20. **181,300**

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

Solve each problem.

1) A race was 905 meters. If 25 people ran in the marathon how many meters would they have run total?

2) Tiffany was building a LEGO tower. She built it with 591 stories and with 58 blocks on each story. How many LEGO blocks would she have used?

3) A school bought 438 boxes of computer paper for the computer lab. Each box had 72 sheets of paper inside it. How much paper did they buy total?

4) In NYC each mail truck has 795 pieces of junkmail. If there are 80 mail trucks, how much junk mail do they have total?

5) A charity fundraiser charges 405 dollars per plate. If there are 82 guests at the fundraiser, how much money did they earn?

6) Each day 687 new apps are uploaded to a web server. After 41 days, how many apps would have been uploaded?

7) A coat manufacturer puts 104 coats in a shipment. If they sent out 41 shipments, how many coats would they have sent out?

8) A cruise ship compartment can hold 241 pieces of luggage. If a ship had 84 compartments, how many pieces of luggage can it hold?

9) Adam was collecting cans for recycling. In 5 months he had collected 180 bags with 68 cans inside each bag. How many cans did he have total?

10) A school district ordered 777 new science text books. If each text book had 37 pages in it, how many pages are there total in all the text books?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

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10) A school district ordered 777 new science text books. If each text book had 37 pages in it, how many pages are there total in all the text books?

Answers

1. **22,625**
2. **34,278**
3. **31,536**
4. **63,600**
5. **33,210**
6. **28,167**
7. **4,264**
8. **20,244**
9. **12,240**
10. **28,749**

1-10	90	80	70	60	50	40	30	20	10	0

Solve each problem.

1) There are 216 hotels in a hotel chain. If each hotel has 62 rooms, how many rooms are there total?

2) A farmer has 539 rows of corn. If he can get 93 ears of corn from each row, how many ears of corn would he have total?

3) A candy store had 286 empty shelves. If each shelf can hold 86 pieces of candy, how many pieces would they need total to fill up all the shelves?

4) Every hour a soup company produces 608 liters of soup. How much soup would the company have made after 62 hours?

5) A pizza chain uses 713 grams of cheese on their pizzas. If they sold 39 pizzas, how many grams would they have used?

6) If an industrial machine could make 344 pencils in a second, how many pencils would it have made in 99 seconds?

7) A race was 455 meters. If 98 people ran in the marathon how many meters would they have run total?

8) Oliver was collecting cans for recycling. In 5 months he had collected 283 bags with 90 cans inside each bag. How many cans did he have total?

9) A movie theater sells 724 buckets of popcorn a day. If each bucket has 37 pieces of popcorn in it, how many pieces do they sell in a day?

10) A pallet of toggle bolts weighs 508 kilograms. If a warehouse has 55 pallets, what is their total weight?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

1-10	90	80	70	60	50	40	30	20	10	0

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10) A pallet of toggle bolts weighs 508 kilograms. If a warehouse has 55 pallets, what is their total weight?

Answers

1. **13,392**
2. **50,127**
3. **24,596**
4. **37,696**
5. **27,807**
6. **34,056**
7. **44,590**
8. **25,470**
9. **26,788**
10. **27,940**

1-10	90	80	70	60	50	40	30	20	10	0